

## **APPENDIX H**

### **2004 Summary of Facilities, Chemicals Releases, Transfers, and Management (Non – PBT Chemicals)**

**Appendix H: 2004 Summary of Facilities, Chemical Releases, Transfers, and Management (Non-PBT)**  
**Alphabetical Listing by Facility**  
**Within Each County/Independent City**

**2004 Toxics Release Inventory**

Appendix H

Facility County/Independent City	F O R M A*	On-Site Releases from Section 5 of Form R						On-Site Management from Section 8 of Form R				Off-Site Transfers from Section 6 of Form R		
		Fugitive Air (pounds)	Stack Air (pounds)	Total Air (pounds)	Land (pounds)	Water (pounds)	Total On-Site Releases (pounds)	Energy Recovery (pounds)	Recycling (pounds)	Treatment (pounds)	Total On-Site Management (pounds)	POTW (pounds)	Total Other Off-Site Transfers ** (pounds)	
Facility Name/Address	Chemical Name													
ACCOMACK	ACCOMAC PROCESSING PLANT							22520 LANKFORD HWY,				SIC code: 2015		
	Ammonia	N	6,500	0	6,500	0	67	6,567	0	0	240,000	240,000	0	0
	Chlorine	N	1	0	1	0	0	1	0	0	17,800	17,800	0	0
	Nitrate compounds	N	0	0	0	0	2,700,000	2,700,000	0	0	0	0	0	0
Total for ACCOMAC PROCESSING P (3 records)			6,501	0	6,501	0	2,700,067	2,706,568	0	0	257,800	257,800	0	0
ACCOMACK	TYSON FOODS INC. - TEMPERANCEVILLE								11224 LANKFORD HIGHWAY,				SIC code: 2015	
	Ammonia	N	12,160	10	12,170	28,872	35	41,077	0	0	33,384	33,384	0	0
	Nitrate compounds	N	0	0	0	0	552,407	552,407	0	0	2,561,019	2,561,019	0	0
	Chlorine	Y	0	0	0	0	0	0	0	0	0	0	0	0
	Chlorine dioxide	Y	0	0	0	0	0	0	0	0	0	0	0	0
	Chromium	Y	0	0	0	0	0	0	0	0	0	0	0	0
	Nickel	Y	0	0	0	0	0	0	0	0	0	0	0	0
Total for Tyson Foods Inc. - Tempera (6 records)			12,160	10	12,170	28,872	552,442	593,484	0	0	2,594,403	2,594,403	0	0
Total for Above County (9 records)			18,661	10	18,671	28,872	3,252,509	3,300,052	0	0	2,852,203	2,852,203	0	0
ALBEMARLE	COYNE AND DELANY CO.								1565 AVON STREET,				SIC code: 3432	
	Copper	N	255	0	255	0	0	255	0	0	0	0	5	255
	Zinc (fume or dust)	N	1,694	0	1,694	0	0	1,694	0	0	0	0	0	255
Total for COYNE AND DELANY CO. (2 records)			1,949	0	1,949	0	0	1,949	0	0	0	0	5	510
ALBEMARLE	HYOSUNG AMERICA SCOTTSVILLE PL ANT								800 BIRD STREET,				SIC code: 2296	
	Formaldehyde	N	56	326	382	0	0	382	0	0	2,498	2,498	0	260
	Methanol	N	17	0	17	0	0	17	0	0	12,881	12,881	0	1,500
	Phenol	N	0	476	476	0	0	476	0	0	29,757	29,757	0	0

\* A "Y" in the FORM A column means a simplified Form A was submitted. An "N" means the full Form R was submitted. Facilities may report using the Form A for a non-PBTchemical if the total annual reportable amount for that chemical does not exceed 500 pounds and the amount manufactured, processed, or otherwise used for that chemical does not exceed 1 million pounds. When filing a Form A, no amounts are reported but by default the appendix lists them as zero.

\*\* TOTAL OTHER OFF-SITE TRANSFERS = ALL OF FORM R SECTION 6.2 OFF-SITE TRANSFERS (DISPOSAL + TREATMENT + ENERGY RECOVERY + RECYCLING)

# 2004 Toxics Release Inventory

Appendix H

Facility County/Independent City	F O R M A*	On-Site Releases from Section 5 of Form R						On-Site Management from Section 8 of Form R				Off-Site Transfers from Section 6 of Form R	
Facility Name/Address		Fugitive Air (pounds)	Stack Air (pounds)	Total Air (pounds)	Land (pounds)	Water (pounds)	Total On-Site Releases (pounds)	Energy Recovery (pounds)	Recycling (pounds)	Treatment (pounds)	Total On-Site Management (pounds)	POTW (pounds)	Total Other Off-Site Transfers ** (pounds)
Total for HYOSUNG AMERICA SCOT (3 records)		73	802	875	0	0	875	0	0	45,136	45,136	0	1,760
<b>ALBEMARLE</b>		<b>INTERNATIONAL COLD STORAGE</b>						<b>INTERNATIONAL COLD STORAGE, 5678 HEA</b>				<b>SIC code: 3585</b>	
Chlorodifluoromethane	N	3,181	2,694	5,875	0	0	5,875	0	0	0	0	0	970
Diisocyanates	Y	0	0	0	0	0	0	0	0	0	0	0	0
Total for International Cold Storage (2 records)		3,181	2,694	5,875	0	0	5,875	0	0	0	0	0	970
<b>Total for Above County (7 records)</b>		<b>5,203</b>	<b>3,496</b>	<b>8,699</b>	<b>0</b>	<b>0</b>	<b>8,699</b>	<b>0</b>	<b>0</b>	<b>45,136</b>	<b>45,136</b>	<b>5</b>	<b>3,240</b>
<b>ALEXANDRIA (CITY)</b>		<b>POTOMAC RIVER GENERATING STATION</b>						<b>1400 NORTH ROYAL STREET,</b>				<b>SIC code: 4911</b>	
Barium Compounds	N	12	850	862	0	38	900	0	0	0	0	0	184,501
Chromium Compounds	N	2	226	228	0	3	231	0	0	0	0	0	26,585
Copper Compounds	N	2	166	168	0	2,237	2,405	0	0	0	0	0	34,570
Hydrochloric acid (acid aerosols)	N	0	2,262,000	2,262,000	0	0	2,262,000	0	0	0	0	0	0
Hydrogen fluoride	N	0	82,840	82,840	0	0	82,840	0	0	9,204	9,204	0	0
Manganese Compounds	N	2	273	275	0	153	428	0	0	0	0	0	32,510
Nickel Compounds	N	2	212	214	0	1	215	0	0	0	0	0	24,290
Sulfuric acid (acid aerosols)	N	0	78,170	78,170	0	0	78,170	0	0	234,500	234,500	0	0
Vanadium Compounds	N	4	319	323	0	4	327	0	0	0	0	0	54,280
Zinc Compounds	N	2	494	496	0	75	571	0	0	0	0	0	22,660
Total for Potomac River Generating S (10 records)		26	2,425,550	2,425,576	0	2,511	2,428,087	0	0	243,704	243,704	0	379,396
<b>Total for Above County (10 records)</b>		<b>26</b>	<b>2,425,550</b>	<b>2,425,576</b>	<b>0</b>	<b>2,511</b>	<b>2,428,087</b>	<b>0</b>	<b>0</b>	<b>243,704</b>	<b>243,704</b>	<b>0</b>	<b>379,396</b>
<b>ALLEGHANY</b>		<b>APPLIED EXTRUSION TECHNOLOGIES INC</b>						<b>901 WEST EDMONT DRIVE,</b>				<b>SIC code: 3081</b>	
Vinylidene chloride	N	42	1,085	1,127	0	0	1,127	0	0	0	0	0	0
Hydrochloric acid (acid aerosols)	Y	0	0	0	0	0	0	0	0	0	0	0	0
Methyl methacrylate	Y	0	0	0	0	0	0	0	0	0	0	0	0
Ozone	Y	0	0	0	0	0	0	0	0	0	0	0	0
Total for APPLIED EXTRUSION TEC (4 records)		42	1,085	1,127	0	0	1,127	0	0	0	0	0	0
<b>ALLEGHANY</b>		<b>MEADWESTVACO OF VIRGINIA, CORP</b>						<b>104 E. RIVERSIDE STREET,</b>				<b>SIC code: 2631</b>	

\* A "Y" in the FORM A column means a simplified Form A was submitted. An "N" means the full Form R was submitted. Facilities may report using the Form A for a non-PBT chemical if the total annual reportable amount for that chemical does not exceed 500 pounds and the amount manufactured, processed, or otherwise used for that chemical does not exceed 1 million pounds. When filing a Form A, no amounts are reported but by default the appendix lists them as zero.

\*\* TOTAL OTHER OFF-SITE TRANSFERS = ALL OF FORM R SECTION 6.2 OFF-SITE TRANSFERS (DISPOSAL + TREATMENT + ENERGY RECOVERY + RECYCLING)

# 2004 Toxics Release Inventory

Appendix H

Facility County/Independent City	F O R M A*	On-Site Releases from Section 5 of Form R						On-Site Management from Section 8 of Form R				Off-Site Transfers from Section 6 of Form R	
Facility Name/Address		Fugitive Air (pounds)	Stack Air (pounds)	Total Air (pounds)	Land (pounds)	Water (pounds)	Total On-Site Releases (pounds)	Energy Recovery (pounds)	Recycling (pounds)	Treatment (pounds)	Total On-Site Management (pounds)	POTW (pounds)	Total Other Off-Site Transfers ** (pounds)
Chemical Name	A*												
Acetaldehyde	N	0	97,000	97,000	460	1,600	99,060	3,200	0	100,000	103,200	0	0
Ammonia	N	260	290,000	290,260	0	3,000	293,260	0	0	430,000	430,000	0	0
Barium Compounds	N	0	400	400	45,000	0	45,400	0	0	0	0	0	0
Catechol	N	0	0	0	24	28	52	0	0	380	380	0	0
Chlorine	N	110	450	560	0	0	560	0	0	90,000	90,000	0	0
Chlorine dioxide	N	5	4,200	4,205	0	0	4,205	0	0	480,000	480,000	0	0
Chromium Compounds	N	0	170	170	6,600	90	6,860	0	0	0	0	0	0
Cresol (mixed isomers)	N	0	5,200	5,200	580	1	5,781	2,200	0	44,000	46,200	0	0
Formaldehyde	N	0	20,000	20,000	1,300	510	21,810	0	0	5,600	5,600	0	0
Formic acid	N	0	0	0	5	350	355	0	0	530	530	0	0
Hydrochloric acid (acid aerosols)	N	0	660,000	660,000	0	0	660,000	0	0	390,000	390,000	0	0
Manganese Compounds	N	0	150	150	140,000	44,000	184,150	0	0	0	0	0	0
Methanol	N	0	2,800,000	2,800,000	11,000	1,000	2,812,000	410,000	0	18,000,000	18,410,000	0	0
Nickel Compounds	N	0	220	220	6,900	1,400	8,520	0	0	0	0	0	0
Nitrate compounds	N	0	0	0	100	0	100	0	0	0	0	0	0
Phenol	N	0	6,400	6,400	380	1	6,781	0	0	3,300	3,300	0	0
Sulfuric acid (acid aerosols)	N	0	240,000	240,000	0	0	240,000	0	0	200,000	200,000	0	0
Vanadium Compounds	N	0	500	500	30,000	690	31,190	0	0	0	0	0	0
Zinc Compounds	N	0	570	570	32,000	1,800	34,370	0	0	0	0	0	0
Total for MEADWESTVACO OF VIR (19 records)		375	4,125,260	4,125,635	274,349	54,470	4,454,454	415,400	0	19,743,810	20,159,210	0	0
<b>ALLEGHANY</b>		<b>PARKER HANNIFIN POWERTRAIN DIVISION</b>						<b>ROUTE 1705 (TANNERY RD),</b>				<b>SIC code: 3053</b>	
Methyl ethyl ketone	N	3,534	8,246	11,781	0	0	11,781	0	0	0	0	0	900
Xylene (mixed isomers)	N	1,096	9,860	10,955	0	0	10,955	0	0	0	0	0	0
Zinc Compounds	N	0	5	5	0	0	5	0	0	0	0	0	94
Total for PARKER HANNIFIN POWE (3 records)		4,630	18,111	22,741	0	0	22,741	0	0	0	0	0	994
<b>Total for Above County (26 records)</b>		<b>5,047</b>	<b>4,144,456</b>	<b>4,149,503</b>	<b>274,349</b>	<b>54,470</b>	<b>4,478,322</b>	<b>415,400</b>	<b>0</b>	<b>19,743,810</b>	<b>20,159,210</b>	<b>0</b>	<b>994</b>

\* A "Y" in the FORM A column means a simplified Form A was submitted. An "N" means the full Form R was submitted. Facilities may report using the Form A for a non-PBTchemical if the total annual reportable amount for that chemical does not exceed 500 pounds and the amount manufactured, processed, or otherwise used for that chemical does not exceed 1 million pounds. When filing a Form A, no amounts are reported but by default the appendix lists them as zero.

\*\* TOTAL OTHER OFF-SITE TRANSFERS = ALL OF FORM R SECTION 6.2 OFF-SITE TRANSFERS (DISPOSAL + TREATMENT + ENERGY RECOVERY + RECYCLING)

# 2004 Toxics Release Inventory

Appendix H

Facility County/Independent City	F O R M A*	On-Site Releases from Section 5 of Form R						On-Site Management from Section 8 of Form R				Off-Site Transfers from Section 6 of Form R	
Facility Name/Address		Fugitive Air (pounds)	Stack Air (pounds)	Total Air (pounds)	Land (pounds)	Water (pounds)	Total On-Site Releases (pounds)	Energy Recovery (pounds)	Recycling (pounds)	Treatment (pounds)	Total On-Site Management (pounds)	POTW (pounds)	Total Other Off-Site Transfers ** (pounds)
<b>AMHERST</b>		<b>GREIF RIVERVILLE LLC</b>						<b>861 FIBRE PLANT ROAD,</b>				<b>SIC code: 2611</b>	
Acetaldehyde	N	0	31,296	31,296	0	0	31,296	0	0	57,860	57,860	0	0
Ammonia	N	0	0	0	0	28,485	28,485	0	0	99,943	99,943	0	0
Methanol	N	0	169,205	169,205	0	0	169,205	0	0	601,529	601,529	0	0
Nitrate compounds	N	0	0	0	0	2,854	2,854	0	0	439,209	439,209	0	0
Sulfuric acid (acid aerosols)	N	0	40,452	40,452	0	0	40,452	0	0	0	0	0	0
Total for Greif Riverville LLC	(5 records)	<b>0</b>	<b>240,953</b>	<b>240,953</b>	<b>0</b>	<b>31,339</b>	<b>272,292</b>	<b>0</b>	<b>0</b>	<b>1,198,541</b>	<b>1,198,541</b>	<b>0</b>	<b>0</b>
<b>AMHERST</b>		<b>LYNCHBURG STEEL AND SPECIALTY COMPANY</b>						<b>275 FRANCIS AVENUE, ROUTE 29 NORTH</b>				<b>SIC code: 3441</b>	
Chromium	Y	0	0	0	0	0	0	0	0	0	0	0	0
Manganese	Y	0	0	0	0	0	0	0	0	0	0	0	0
Nickel	Y	0	0	0	0	0	0	0	0	0	0	0	0
Total for Lynchburg Steel and Specialt	(3 records)	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Total for Above County (8 records)</b>		<b>0</b>	<b>240,953</b>	<b>240,953</b>	<b>0</b>	<b>31,339</b>	<b>272,292</b>	<b>0</b>	<b>0</b>	<b>1,198,541</b>	<b>1,198,541</b>	<b>0</b>	<b>0</b>
<b>ARLINGTON</b>		<b>ALLIED AVIATION FUELING COMPAN Y, INC.</b>						<b>RONALD REAGAN NATIONAL AIRPORT,</b>				<b>SIC code: 5171</b>	
Biphenyl	N	0	0	0	0	0	0	0	0	0	0	0	0
Methyl tert-butyl ether	N	89	43	133	0	0	133	0	0	0	0	0	0
Naphthalene	N	26	33	59	0	0	59	0	0	0	0	0	783
Toluene	N	168	81	249	0	0	249	0	0	0	0	0	0
Xylene (mixed isomers)	N	140	68	208	0	0	208	0	0	0	0	0	0
Total for ALLIED AVIATION FUELIN	(5 records)	<b>423</b>	<b>226</b>	<b>649</b>	<b>0</b>	<b>0</b>	<b>649</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>783</b>
<b>ARLINGTON</b>		<b>VIRGINIA CONCRETE SHIRLINGTON PLANT</b>						<b>2651 SHIRLINGTON ROAD,</b>				<b>SIC code: 3273</b>	
Nitrate compounds	N	0	0	0	0	350	350	0	0	0	0	0	0
Total for Virginia Concrete Shirlington	(1 record)	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>350</b>	<b>350</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Total for Above County (6 records)</b>		<b>423</b>	<b>226</b>	<b>649</b>	<b>0</b>	<b>350</b>	<b>999</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>783</b>
<b>AUGUSTA</b>		<b>ALCOA HOME EXTERIORS, STUARTS DRAFT</b>						<b>185 JOHNSON DRIVE,</b>				<b>SIC code: 3089</b>	
Antimony Compounds	Y	0	0	0	0	0	0	0	0	0	0	0	0

\* A "Y" in the FORM A column means a simplified Form A was submitted. An "N" means the full Form R was submitted. Facilities may report using the Form A for a non-PBTchemical if the total annual reportable amount for that chemical does not exceed 500 pounds and the amount manufactured, processed, or otherwise used for that chemical does not exceed 1 million pounds. When filing a Form A, no amounts are reported but by default the appendix lists them as zero.

\*\* TOTAL OTHER OFF-SITE TRANSFERS = ALL OF FORM R SECTION 6.2 OFF-SITE TRANSFERS (DISPOSAL + TREATMENT + ENERGY RECOVERY + RECYCLING)

# 2004 Toxics Release Inventory

Appendix H

Facility County/Independent City	F O R M A*	On-Site Releases from Section 5 of Form R						On-Site Management from Section 8 of Form R				Off-Site Transfers from Section 6 of Form R	
Facility Name/Address		Fugitive Air (pounds)	Stack Air (pounds)	Total Air (pounds)	Land (pounds)	Water (pounds)	Total On-Site Releases (pounds)	Energy Recovery (pounds)	Recycling (pounds)	Treatment (pounds)	Total On-Site Management (pounds)	POTW (pounds)	Total Other Off-Site Transfers ** (pounds)
Chemical Name	A*												
Chromium Compounds	Y	0	0	0	0	0	0	0	0	0	0	0	0
Manganese Compounds	Y	0	0	0	0	0	0	0	0	0	0	0	0
Total for Alcoa Home Exteriors, Stuart (3 records)		0	0	0	0	0	0	0	0	0	0	0	0
<b>AUGUSTA</b>		<b>AMERICAN SAFETY RAZOR, INC</b>						<b>1 RAZOR BLADE LANE, RT 612</b>				<b>SIC code: 3421</b>	
Ammonia	N	1,325	89	1,414	0	0	1,414	0	0	0	0	0	0
Chromium	N	0	0	0	0	0	0	0	0	0	0	0	120,368
Trichloroethylene	N	19,626	111,537	131,163	0	8	131,171	0	3,039,916	0	3,039,916	0	12,832
Total for AMERICAN SAFETY RAZO (3 records)		20,951	111,626	132,577	0	8	132,585	0	3,039,916	0	3,039,916	0	133,200
<b>AUGUSTA</b>		<b>CERRO FABRICATED PRODUCTS,INC.</b>						<b>300 TRIANGLE DRIVE,</b>				<b>SIC code: 3451</b>	
Copper Compounds	N	0	0	0	0	0	0	0	0	0	0	5	6,349
Nitrate compounds	N	0	0	0	0	0	0	0	0	0	0	169,784	0
Nitric acid	N	100	100	200	0	0	200	0	0	169,784	169,784	0	0
Zinc Compounds	N	0	0	0	0	0	0	0	0	0	0	7	0
Total for CERRO FABRICATED PRO (4 records)		100	100	200	0	0	200	0	0	169,784	169,784	169,796	6,349
<b>AUGUSTA</b>		<b>DEGESCH AMERICA INC</b>						<b>153 TRIANGLE DR,</b>				<b>SIC code: 2879</b>	
Ammonia	N	1,559	1,622	3,181	0	0	3,181	0	0	0	0	0	0
Phosphine	N	0	828	828	0	0	828	0	0	0	0	0	0
Aluminum phosphide	Y	0	0	0	0	0	0	0	0	0	0	0	0
Total for DEGESCH AMERICA INC (3 records)		1,559	2,450	4,009	0	0	4,009	0	0	0	0	0	0
<b>AUGUSTA</b>		<b>FLINT INK NORTH AMERICA CORPORTATION</b>						<b>106 TRIANGLE DRIVE,</b>				<b>SIC code: 2893</b>	
Barium Compounds	Y	0	0	0	0	0	0	0	0	0	0	0	0
Total for Flint Ink North America Corp (1 record)		0	0	0	0	0	0	0	0	0	0	0	0
<b>AUGUSTA</b>		<b>GROTTOES PLASTICS PLANT</b>						<b>149 GRAND CAVERNS DRIVE,</b>				<b>SIC code: 3081</b>	
Barium Compounds	N	1	2	3	0	0	3	0	1,735	0	1,735	0	2,437
Certain Glycol Ethers	N	21	39	60	0	11	71	0	15,105	725	15,830	0	17,118

\* A "Y" in the FORM A column means a simplified Form A was submitted. An "N" means the full Form R was submitted. Facilities may report using the Form A for a non-PBTchemical if the total annual reportable amount for that chemical does not exceed 500 pounds and the amount manufactured, processed, or otherwise used for that chemical does not exceed 1 million pounds. When filing a Form A, no amounts are reported but by default the appendix lists them as zero.

\*\* TOTAL OTHER OFF-SITE TRANSFERS = ALL OF FORM R SECTION 6.2 OFF-SITE TRANSFERS (DISPOSAL + TREATMENT + ENERGY RECOVERY + RECYCLING)

Page H-5 of H-92

# 2004 Toxics Release Inventory

Appendix H

Facility County/Independent City	F O R M A*	On-Site Releases from Section 5 of Form R						On-Site Management from Section 8 of Form R				Off-Site Transfers from Section 6 of Form R	
Facility Name/Address		Fugitive Air (pounds)	Stack Air (pounds)	Total Air (pounds)	Land (pounds)	Water (pounds)	Total On-Site Releases (pounds)	Energy Recovery (pounds)	Recycling (pounds)	Treatment (pounds)	Total On-Site Management (pounds)	POTW (pounds)	Total Other Off-Site Transfers ** (pounds)
Zinc Compounds	N	0	0	0	0	0	0	0	900	0	900	0	1,255
Total for GROTTUES PLASTICS PLA (3 records)		22	41	63	0	11	74	0	17,740	725	18,465	0	20,810
<b>AUGUSTA</b>		MCQUAY INTERNATIONAL, INC.						207 LAUREL HILL ROAD,				SIC code: 3585	
Chlorodifluoromethane	N	900	0	900	0	0	900	0	0	0	0	0	2,484
Copper	N	4,887	0	4,887	0	0	4,887	0	0	0	0	255	65,806
Total for MCQUAY INTERNATIONAL, (2 records)		5,787	0	5,787	0	0	5,787	0	0	0	0	255	68,290
<b>AUGUSTA</b>		NEUMAN ALUMINUM USA (SLUG)						56 DUNSMORE ROAD,				SIC code: 3365	
Chlorine	N	5	1,335	1,340	0	0	1,340	0	0	0	0	0	0
Total for Neuman Aluminum USA (Sl (1 record)		5	1,335	1,340	0	0	1,340	0	0	0	0	0	0
<b>AUGUSTA</b>		NIBCO OF VIRGINIA,INC.						131 JOHNSON DRIVE,				SIC code: 3463	
Chromium	N	0	0	0	0	12	12	0	0	0	0	5	53,385
Copper	N	15,959	6,819	22,778	0	43	22,821	0	0	0	0	255	314,692
Total for NIBCO OF VIRGINIA,INC. (2 records)		15,959	6,819	22,778	0	55	22,833	0	0	0	0	260	368,077
<b>AUGUSTA</b>		REXNORD INDUSTRIES INC. / GEARED PRODUCTS OPERATIONS						150 JOHNSON DRIVE,				SIC code: 3566	
Ammonia	Y	0	0	0	0	0	0	0	0	0	0	0	0
Total for REXNORD INDUSTRIES IN (1 record)		0	0	0	0	0	0	0	0	0	0	0	0
<b>AUGUSTA</b>		SUNLITE PLASTICS INC.						846 KEEZLETOWN ROAD,				SIC code: 3089	
Di(2-ethylhexyl) phthalate	Y	0	0	0	0	0	0	0	0	0	0	0	0
Total for Sunlite Plastics Inc. (1 record)		0	0	0	0	0	0	0	0	0	0	0	0
<b>Total for Above County (24 records)</b>		<b>44,383</b>	<b>122,371</b>	<b>166,754</b>	<b>0</b>	<b>74</b>	<b>166,828</b>	<b>0</b>	<b>3,057,656</b>	<b>170,509</b>	<b>3,228,165</b>	<b>170,311</b>	<b>596,726</b>
<b>BEDFORD (COUNTY)</b>		BARR LABORATORIES, INC.						2150 PERROWVILLE ROAD,				SIC code: 2834	
Tetracycline hydrochloride	N	0	0	0	0	0	0	0	0	0	0	0	330
Total for Barr Laboratories, Inc. (1 record)		0	0	0	0	0	0	0	0	0	0	0	330
<b>BEDFORD (COUNTY)</b>		BLUE RIDGE WOOD PRESERVING INC.						1220, HENDRICKS STORE ROAD				SIC code: 2491	
Copper Compounds	Y	0	0	0	0	0	0	0	0	0	0	0	0

\* A "Y" in the FORM A column means a simplified Form A was submitted. An "N" means the full Form R was submitted. Facilities may report using the Form A for a non-PBTchemical if the total annual reportable amount for that chemical does not exceed 500 pounds and the amount manufactured, processed, or otherwise used for that chemical does not exceed 1 million pounds. When filing a Form A, no amounts are reported but by default the appendix lists them as zero.

\*\* TOTAL OTHER OFF-SITE TRANSFERS = ALL OF FORM R SECTION 6.2 OFF-SITE TRANSFERS (DISPOSAL + TREATMENT + ENERGY RECOVERY + RECYCLING)

# 2004 Toxics Release Inventory

Appendix H

Facility County/Independent City	F O R M A*	On-Site Releases from Section 5 of Form R						On-Site Management from Section 8 of Form R				Off-Site Transfers from Section 6 of Form R	
Facility Name/Address		Fugitive Air (pounds)	Stack Air (pounds)	Total Air (pounds)	Land (pounds)	Water (pounds)	Total On-Site Releases (pounds)	Energy Recovery (pounds)	Recycling (pounds)	Treatment (pounds)	Total On-Site Management (pounds)	POTW (pounds)	Total Other Off-Site Transfers ** (pounds)
Total for BLUE RIDGE WOOD PRES (1 record)		0	0	0	0	0	0	0	0	0	0	0	0
<b>BEDFORD (COUNTY)</b>		<b>GAMMAPAR LLC</b>						<b>1191 VENTURE DRIVE,</b>				<b>SIC code: 2499</b>	
Methyl methacrylate	N	4,000	900	4,900	0	0	4,900	0	0	0	0	0	0
Total for Gammapar LLC (1 record)		4,000	900	4,900	0	0	4,900	0	0	0	0	0	0
<b>BEDFORD (COUNTY)</b>		<b>GEORGIA-PACIFIC, BIG ISLAND MI LL</b>						<b>9363 LEE-JACKSON HIGHWAY,</b>				<b>SIC code: 2631</b>	
Acetaldehyde	N	2,400	190,000	192,400	60	700	193,160	0	0	49,000	49,000	0	0
Ammonia	N	500	0	500	310	6,000	6,810	0	0	0	0	0	0
Benzene	N	0	166,000	166,000	0	88	166,088	0	0	0	0	0	0
Hydrochloric acid (acid aerosols)	N	0	36,000	36,000	0	0	36,000	0	0	690	690	0	0
Manganese Compounds	N	0	1,200	1,200	69,000	1,500	71,700	0	0	0	0	0	0
Methanol	N	1,300	390,000	391,300	3,000	1,300	395,600	0	0	585,000	585,000	0	0
Nitrate compounds	N	0	0	0	600	150,000	150,600	0	0	0	0	0	0
Sulfuric acid (acid aerosols)	N	0	30,500	30,500	0	0	30,500	0	0	20,000	20,000	0	0
Total for GEORGIA-PACIFIC, BIG IS (8 records)		4,200	813,700	817,900	72,970	159,588	1,050,458	0	0	654,690	654,690	0	0
<b>BEDFORD (COUNTY)</b>		<b>WHEELABRATOR ABRASIVES,INC</b>						<b>ONE ABRASIVE AVENUE,</b>				<b>SIC code: 3291</b>	
Chromium	N	0	0	0	0	0	0	0	0	0	0	0	16,000
Copper	N	0	0	0	0	0	0	0	0	0	0	0	35,000
Manganese	N	0	0	0	0	0	0	0	0	0	0	0	73,000
Nickel	N	0	0	0	0	0	0	0	0	0	0	0	7,000
Selenium	N	0	0	0	0	0	0	0	0	0	0	0	0
Total for WHEELABRATOR ABRASI (5 records)		0	0	0	0	0	0	0	0	0	0	0	131,000
<b>Total for Above County (16 records)</b>		8,200	814,600	822,800	72,970	159,588	1,055,358	0	0	654,690	654,690	0	131,330
<b>BLAND</b>		<b>ABB INC.</b>						<b>171 INDUSTRY DRIVE,</b>				<b>SIC code: 3612</b>	
Copper	N	9,807	0	9,807	0	0	9,807	0	0	0	0	0	355,394
Xylene (mixed isomers)	N	4,931	42,473	47,404	0	0	47,404	0	0	0	0	0	1,908
Total for ABB Inc. (2 records)		14,738	42,473	57,211	0	0	57,211	0	0	0	0	0	357,302

\* A "Y" in the FORM A column means a simplified Form A was submitted. An "N" means the full Form R was submitted. Facilities may report using the Form A for a non-PBT chemical if the total annual reportable amount for that chemical does not exceed 500 pounds and the amount manufactured, processed, or otherwise used for that chemical does not exceed 1 million pounds. When filing a Form A, no amounts are reported but by default the appendix lists them as zero.

\*\* TOTAL OTHER OFF-SITE TRANSFERS = ALL OF FORM R SECTION 6.2 OFF-SITE TRANSFERS (DISPOSAL + TREATMENT + ENERGY RECOVERY + RECYCLING)



# 2004 Toxics Release Inventory

Appendix H

Facility County/Independent City	F O R M A*	On-Site Releases from Section 5 of Form R						On-Site Management from Section 8 of Form R				Off-Site Transfers from Section 6 of Form R	
Facility Name/Address		Fugitive Air (pounds)	Stack Air (pounds)	Total Air (pounds)	Land (pounds)	Water (pounds)	Total On-Site Releases (pounds)	Energy Recovery (pounds)	Recycling (pounds)	Treatment (pounds)	Total On-Site Management (pounds)	POTW (pounds)	Total Other Off-Site Transfers ** (pounds)
<b>BLAND</b>		<b>PASCOR ATLANTIC CORP.</b>						<b>STATE RT.42 254 INDUSTRY DR.,</b>				<b>SIC code: 3613</b>	
Copper	N	255	0	255	0	0	255	0	0	0	0	0	6,821
Total for PASCOR ATLANTIC CORP. (1 record)		<b>255</b>	<b>0</b>	<b>255</b>	<b>0</b>	<b>0</b>	<b>255</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>6,821</b>
<b>Total for Above County (3 records)</b>		<b>14,993</b>	<b>42,473</b>	<b>57,466</b>	<b>0</b>	<b>0</b>	<b>57,466</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>364,123</b>
<b>BOTETOURT</b>		<b>ARCHITECTURAL CONCRETE PRODUCTS, INC.</b>						<b>221 PRE-CAST WAY,</b>				<b>SIC code: 3272</b>	
Hydrochloric acid (acid aerosols)	N	255	0	255	0	0	255	0	0	15,360	15,360	0	0
Total for ARCHITECTURAL CONCRE (1 record)		<b>255</b>	<b>0</b>	<b>255</b>	<b>0</b>	<b>0</b>	<b>255</b>	<b>0</b>	<b>0</b>	<b>15,360</b>	<b>15,360</b>	<b>0</b>	<b>0</b>
<b>BOTETOURT</b>		<b>DYNAX AMERICA CORPORATION</b>						<b>568 EAST PARK DRIVE,</b>				<b>SIC code: 3714</b>	
Aluminum (fume or dust)	N	0	0	0	0	0	0	0	0	0	0	0	105,279
Hydrochloric acid (acid aerosols)	N	0	180	180	0	0	180	0	0	25,486	25,486	0	0
Manganese	N	0	0	0	0	0	0	0	0	0	0	26	70,604
Methanol	N	14,060	5,445	19,505	0	0	19,505	0	0	1,083,681	1,083,681	0	18,088
Nickel	N	0	0	0	0	0	0	0	0	0	0	10	26,258
Phenol	N	103	399	502	0	0	502	0	0	79,338	79,338	18	1,790
Total for Dynax America Corporation (6 records)		<b>14,163</b>	<b>6,024</b>	<b>20,187</b>	<b>0</b>	<b>0</b>	<b>20,187</b>	<b>0</b>	<b>0</b>	<b>1,188,505</b>	<b>1,188,505</b>	<b>54</b>	<b>222,019</b>
<b>BOTETOURT</b>		<b>GALA INDUSTRIES, INC.</b>						<b>181 PAULEY STREET,</b>				<b>SIC code: 3559</b>	
Chromium	N	0	0	0	0	0	0	0	0	0	0	0	760
Copper	N	0	0	0	0	0	0	0	0	0	0	0	760
Manganese	N	0	0	0	0	0	0	0	0	0	0	0	760
Nickel	N	0	0	0	0	0	0	0	0	0	0	0	760
Total for Gala Industries, Inc. (4 records)		<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3,040</b>
<b>BOTETOURT</b>		<b>GENERAL SHALE BRICK PLANT #35 AND #36</b>						<b>770 WEBSTER ROAD,</b>				<b>SIC code: 3251</b>	
Hydrochloric acid (acid aerosols)	N	0	30,780	30,780	0	0	30,780	0	0	0	0	0	0
Hydrogen fluoride	N	0	46,240	46,240	0	0	46,240	0	0	0	0	0	0
Manganese Compounds	Y	0	0	0	0	0	0	0	0	0	0	0	0

\* A "Y" in the FORM A column means a simplified Form A was submitted. An "N" means the full Form R was submitted. Facilities may report using the Form A for a non-PBT chemical if the total annual reportable amount for that chemical does not exceed 500 pounds and the amount manufactured, processed, or otherwise used for that chemical does not exceed 1 million pounds. When filing a Form A, no amounts are reported but by default the appendix lists them as zero.

\*\* TOTAL OTHER OFF-SITE TRANSFERS = ALL OF FORM R SECTION 6.2 OFF-SITE TRANSFERS (DISPOSAL + TREATMENT + ENERGY RECOVERY + RECYCLING)

# 2004 Toxics Release Inventory

Appendix H

Facility County/Independent City	F O R M A*	On-Site Releases from Section 5 of Form R						On-Site Management from Section 8 of Form R				Off-Site Transfers from Section 6 of Form R	
Facility Name/Address		Fugitive Air (pounds)	Stack Air (pounds)	Total Air (pounds)	Land (pounds)	Water (pounds)	Total On-Site Releases (pounds)	Energy Recovery (pounds)	Recycling (pounds)	Treatment (pounds)	Total On-Site Management (pounds)	POTW (pounds)	Total Other Off-Site Transfers ** (pounds)
Total for GENERAL SHALE BRICK P (3 records)		0	77,020	77,020	0	0	77,020	0	0	0	0	0	0
<b>BOTETOURT</b>								<b>184 VISTA DRIVE,</b>				<b>SIC code: 3714</b>	
Manganese	Y	0	0	0	0	0	0	0	0	0	0	0	0
Nickel	Y	0	0	0	0	0	0	0	0	0	0	0	0
Total for Metalsa Roanoke, Inc. (2 records)		0	0	0	0	0	0	0	0	0	0	0	0
<b>BOTETOURT</b>								<b>6071 CATAWBA ROAD,</b>				<b>SIC code: 3241</b>	
Hydrochloric acid (acid aerosols)	N	0	17,115	17,115	0	0	17,115	0	0	0	0	0	0
Manganese Compounds	N	400	137	537	2,853	0	3,390	0	0	0	0	0	0
Sulfuric acid (acid aerosols)	N	0	36,674	36,674	0	0	36,674	0	0	0	0	0	0
Chromium Compounds	Y	0	0	0	0	0	0	0	0	0	0	0	0
Ethylene glycol	Y	0	0	0	0	0	0	0	0	0	0	0	0
Total for ROANOKE CEMENT COMP (5 records)		400	53,926	54,326	2,853	0	57,179	0	0	0	0	0	0
<b>Total for Above County (21 records)</b>		<b>14,818</b>	<b>136,970</b>	<b>151,788</b>	<b>2,853</b>	<b>0</b>	<b>154,641</b>	<b>0</b>	<b>0</b>	<b>1,203,865</b>	<b>1,203,865</b>	<b>54</b>	<b>225,059</b>
<b>BRISTOL (CITY)</b>								<b>750 OLD ABINGDON HIGHWAY,</b>				<b>SIC code: 3411</b>	
Cyclohexane	N	73,000	24,000	97,000	0	0	97,000	0	0	0	0	0	409
Total for BALL METAL BEVERAGE C (1 record)		73,000	24,000	97,000	0	0	97,000	0	0	0	0	0	409
<b>BRISTOL (CITY)</b>								<b>400 COMMONWEALTH AVENUE,</b>				<b>SIC code: 3089</b>	
Antimony	N	255	0	255	0	0	255	0	0	0	0	0	2,793
Decabromodiphenyl oxide	N	255	0	255	0	0	255	0	0	0	0	0	1,765
Styrene	N	110,526	0	110,526	0	0	110,526	0	0	0	0	0	2,787
Total for STRONGWELL CORPORAT (3 records)		111,036	0	111,036	0	0	111,036	0	0	0	0	0	7,345
<b>Total for Above County (4 records)</b>		<b>184,036</b>	<b>24,000</b>	<b>208,036</b>	<b>0</b>	<b>0</b>	<b>208,036</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>7,754</b>
<b>BUCKINGHAM</b>								<b>RT2 BOX 1400, RT 2 BOX 1400</b>				<b>SIC code: 3479</b>	
Methanol	N	0	6,640	6,640	0	0	6,640	0	0	37,551	37,551	0	0
Toluene	N	0	5,820	5,820	0	0	5,820	0	0	193,763	193,763	0	0
Total for MOTTLEY FOILS,INC (2 records)		0	12,460	12,460	0	0	12,460	0	0	231,314	231,314	0	0

\* A "Y" in the FORM A column means a simplified Form A was submitted. An "N" means the full Form R was submitted. Facilities may report using the Form A for a non-PBT chemical if the total annual reportable amount for that chemical does not exceed 500 pounds and the amount manufactured, processed, or otherwise used for that chemical does not exceed 1 million pounds. When filing a Form A, no amounts are reported but by default the appendix lists them as zero.

\*\* TOTAL OTHER OFF-SITE TRANSFERS = ALL OF FORM R SECTION 6.2 OFF-SITE TRANSFERS (DISPOSAL + TREATMENT + ENERGY RECOVERY + RECYCLING)

# 2004 Toxics Release Inventory

Appendix H

Facility County/Independent City  Facility Name/Address  Chemical Name		FORM A*	On-Site Releases from Section 5 of Form R					On-Site Management from Section 8 of Form R				Off-Site Transfers from Section 6 of Form R		
			Fugitive Air (pounds)	Stack Air (pounds)	Total Air (pounds)	Land (pounds)	Water (pounds)	Total On-Site Releases (pounds)	Energy Recovery (pounds)	Recycling (pounds)	Treatment (pounds)	Total On-Site Management (pounds)	POTW (pounds)	Total Other Off-Site Transfers ** (pounds)
BUCKINGHAM			SOLITE CORPORATION AND GIANT RESOURCE RECOVERY, INC.					ROUTE 652,				SIC code: 3295		
1,2,4-Trimethylbenzene		N	5	255	260	0	0	260	126,871	0	0	126,871	0	13,664
Benzene		N	255	255	510	0	0	510	47,049	0	0	47,049	0	5,390
Cumene		N	5	5	10	0	0	10	16,310	0	0	16,310	0	2,201
Dichloromethane		N	255	1,547	1,802	0	0	1,802	40,729	0	0	40,729	0	4,733
Ethylbenzene		N	255	255	510	0	0	510	506,868	0	0	506,868	0	54,819
Hydrochloric acid (acid aerosols)		N	0	90,423	90,423	0	0	90,423	0	0	0	0	0	0
n-Hexane		N	255	750	1,005	0	0	1,005	126,176	0	0	126,176	0	13,592
Styrene		N	255	255	510	0	0	510	278,457	0	0	278,457	0	29,876
Tetrachloroethylene		N	255	255	510	0	0	510	115,340	0	0	115,340	0	12,469
Toluene		N	255	1,181	1,436	0	0	1,436	787,493	0	0	787,493	0	85,157
Trichloroethylene		N	255	255	510	0	0	510	20,012	0	0	20,012	0	2,585
Xylene (mixed isomers)		N	255	255	510	0	0	510	1,125,336	0	0	1,125,336	0	121,689
Total for SOLITE CORPORATION AN (12 records)			2,305	95,691	97,996	0	0	97,996	3,190,641	0	0	3,190,641	0	346,175
Total for Above County (14 records)			2,305	108,151	110,456	0	0	110,456	3,190,641	0	231,314	3,421,955	0	346,175
BUENA VISTA (CITY)			MODINE MANUFACTURING COMPANY					1221 MAGNOLIA AVENUE,				SIC code: 3433		
Chromium		N	0	0	0	0	0	0	0	0	0	0	0	22,912
Diisocyanates		N	0	0	0	0	0	0	0	0	0	0	0	0
Total for MODINE MANUFACTURING (2 records)			0	0	0	0	0	0	0	0	0	0	0	22,912
Total for Above County (2 records)			0	0	0	0	0	0	0	0	0	0	0	22,912
CAMPBELL			ALTAVISTA POWER STATION					104 WOOD AVE,				SIC code: 4931		
Ammonia		N	0	21,000	21,000	0	0	21,000	0	0	0	0	0	0
Barium Compounds		N	0	0	0	0	0	0	0	0	0	0	0	28,000
Hydrochloric acid (acid aerosols)		N	0	15,000	15,000	0	0	15,000	0	0	180,000	180,000	0	0
Sulfuric acid (acid aerosols)		N	0	33	33	0	0	33	0	0	63,000	63,000	0	0
Total for ALTAVISTA POWER STATION (4 records)			0	36,033	36,033	0	0	36,033	0	0	243,000	243,000	0	28,000

\* A "Y" in the FORM A column means a simplified Form A was submitted. An "N" means the full Form R was submitted. Facilities may report using the Form A for a non-PBT chemical if the total annual reportable amount for that chemical does not exceed 500 pounds and the amount manufactured, processed, or otherwise used for that chemical does not exceed 1 million pounds. When filing a Form A, no amounts are reported but by default the appendix lists them as zero.

\*\* TOTAL OTHER OFF-SITE TRANSFERS = ALL OF FORM R SECTION 6.2 OFF-SITE TRANSFERS (DISPOSAL + TREATMENT + ENERGY RECOVERY + RECYCLING)

Page H-10 of H-92

# 2004 Toxics Release Inventory

Appendix H

Facility County/Independent City	F O R M  A*	On-Site Releases from Section 5 of Form R						On-Site Management from Section 8 of Form R				Off-Site Transfers from Section 6 of Form R	
Facility Name/Address		Fugitive Air (pounds)	Stack Air (pounds)	Total Air (pounds)	Land (pounds)	Water (pounds)	Total On-Site Releases (pounds)	Energy Recovery (pounds)	Recycling (pounds)	Treatment (pounds)	Total On-Site Management (pounds)	POTW (pounds)	Total Other Off-Site Transfers ** (pounds)
<b>CAMPBELL</b>		<b>BWX TECHNOLOGIES, INC.</b>						<b>1570 MOUNT ATHOS ROAD,</b>				<b>SIC code: 3443</b>	
Chromium Compounds	N	9	2	11	4	16	30	0	0	0	0	0	4,578
Copper Compounds	N	0	13	13	26	103	142	0	0	0	0	0	78,700
Hydrogen fluoride	N	0	215	215	0	0	215	0	2,122	95,705	97,827	0	1,555
Nickel Compounds	N	5	3	8	16	65	89	0	0	0	0	0	10,625
Nitrate compounds	N	0	0	0	0	1,139,545	1,139,545	0	0	0	0	0	153,264
Nitric acid	N	18	3,595	3,613	0	0	3,613	0	18,949	885,018	903,967	0	329,900
Total for BWX TECHNOLOGIES, INC (6 records)		<b>32</b>	<b>3,828</b>	<b>3,860</b>	<b>46</b>	<b>1,139,729</b>	<b>1,143,634</b>	<b>0</b>	<b>21,071</b>	<b>980,723</b>	<b>1,001,794</b>	<b>0</b>	<b>578,622</b>
<b>CAMPBELL</b>		<b>DAN RIVER INC. - BROOKNEAL PLANT</b>						<b>813 LYNCHBURG AVENUE,</b>				<b>SIC code: 2261</b>	
Chlorine	N	882	0	882	0	0	882	0	0	0	0	0	0
Total for Dan River Inc. - Brookneal PI (1 record)		<b>882</b>	<b>0</b>	<b>882</b>	<b>0</b>	<b>0</b>	<b>882</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>CAMPBELL</b>		<b>GEORGIA-PACIFIC CORPORATION - BROOKNEAL OSB</b>						<b>HIGHWAY 501 SOUTH,</b>				<b>SIC code: 2493</b>	
Acetaldehyde	N	0	4,200	4,200	0	0	4,200	0	0	40,000	40,000	0	0
Acrolein	N	0	0	0	0	0	0	0	0	26,000	26,000	0	0
Ammonia	N	0	52,000	52,000	0	0	52,000	0	0	0	0	0	0
Formaldehyde	N	0	8,000	8,000	8	0	8,008	0	0	140,000	140,000	0	0
Methanol	N	0	41,000	41,000	0	0	41,000	0	0	180,000	180,000	0	0
Total for GEORGIA-PACIFIC CORPO (5 records)		<b>0</b>	<b>105,200</b>	<b>105,200</b>	<b>8</b>	<b>0</b>	<b>105,208</b>	<b>0</b>	<b>0</b>	<b>386,000</b>	<b>386,000</b>	<b>0</b>	<b>0</b>
<b>CAMPBELL</b>		<b>HANSON PORCELAIN CO. INC. A DIV. OF ITW FOOD EQUIPMENT GR</b>						<b>3300 JOHN CAPRON ROAD,</b>				<b>SIC code: 3469</b>	
Aluminum oxide (fibrous forms)	N	0	0	0	0	0	0	0	0	0	0	0	0
Cobalt Compounds	N	0	0	0	0	0	0	0	0	0	0	0	0
Copper Compounds	N	0	0	0	0	0	0	0	0	0	0	0	0
Manganese Compounds	N	0	0	0	0	0	0	0	0	0	0	0	0
Nickel Compounds	N	0	0	0	0	0	0	0	0	0	0	0	0
Barium Compounds	Y	0	0	0	0	0	0	0	0	0	0	0	0

\* A "Y" in the FORM A column means a simplified Form A was submitted. An "N" means the full Form R was submitted. Facilities may report using the Form A for a non-PBT chemical if the total annual reportable amount for that chemical does not exceed 500 pounds and the amount manufactured, processed, or otherwise used for that chemical does not exceed 1 million pounds. When filing a Form A, no amounts are reported but by default the appendix lists them as zero.

\*\* TOTAL OTHER OFF-SITE TRANSFERS = ALL OF FORM R SECTION 6.2 OFF-SITE TRANSFERS (DISPOSAL + TREATMENT + ENERGY RECOVERY + RECYCLING)

Page H-11 of H-92

# 2004 Toxics Release Inventory

Appendix H

Facility County/Independent City	F O R M A*	On-Site Releases from Section 5 of Form R						On-Site Management from Section 8 of Form R				Off-Site Transfers from Section 6 of Form R	
Facility Name/Address		Fugitive Air (pounds)	Stack Air (pounds)	Total Air (pounds)	Land (pounds)	Water (pounds)	Total On-Site Releases (pounds)	Energy Recovery (pounds)	Recycling (pounds)	Treatment (pounds)	Total On-Site Management (pounds)	POTW (pounds)	Total Other Off-Site Transfers ** (pounds)
Chemical Name													
Chromium Compounds	Y	0	0	0	0	0	0	0	0	0	0	0	0
Zinc (fume or dust)	Y	0	0	0	0	0	0	0	0	0	0	0	0
Total for HANSON PORCELAIN CO. I (8 records)		0	0	0	0	0	0	0	0	0	0	0	0
<b>CAMPBELL</b>		<b>INTERMET ARCHER CREEK FOUNDRY</b>						<b>1132 MOUNT ATHOS ROAD,</b>				<b>SIC code: 3321</b>	
Chromium	N	255	255	510	156	255	921	0	101,986	0	101,986	0	2,271
Copper	N	255	255	510	1,801	255	2,566	0	335,096	0	335,096	5	4,599
Manganese	N	255	750	1,005	651	0	1,656	0	320,527	0	320,527	0	31,283
Phenol	N	750	5,326	6,076	156	7	6,239	0	0	0	0	0	2,546
Zinc Compounds	N	255	1,925	2,180	5,867	31	8,078	0	0	0	0	5	162,459
Diisocyanates	Y	0	0	0	0	0	0	0	0	0	0	0	0
Total for INTERMET Archer Creek Fo (6 records)		1,770	8,511	10,281	8,631	548	19,461	0	757,609	0	757,609	10	203,158
<b>CAMPBELL</b>		<b>SCHRADER-BRIDGEPORT, INTERNATI ONAL</b>						<b>205 FRAZIER ROAD,</b>				<b>SIC code: 3714</b>	
Copper	N	0	0	0	0	0	0	0	0	0	0	3	3,699,607
Total for SCHRADER-BRIDGEPORT, (1 record)		0	0	0	0	0	0	0	0	0	0	3	3,699,607
<b>CAMPBELL</b>		<b>THE TIMKEN COMPANY - ALTAVISTA BEARING PLANT</b>						<b>2097 DEARING FORD RD.,</b>				<b>SIC code: 3562</b>	
Nickel	N	1	0	1	0	0	1	0	0	0	0	0	4,734
Total for The Timken Company - ALT (1 record)		1	0	1	0	0	1	0	0	0	0	0	4,734
<b>CAMPBELL</b>		<b>WESTOVER DAIRY</b>						<b>2801 FORT AVENUE,</b>				<b>SIC code: 2026</b>	
Nitric acid	N	0	0	0	0	0	0	0	0	13,868	13,868	36	0
Total for WESTOVER DAIRY (1 record)		0	0	0	0	0	0	0	0	13,868	13,868	36	0
<b>Total for Above County (33 records)</b>		<b>2,685</b>	<b>153,573</b>	<b>156,258</b>	<b>8,684</b>	<b>1,140,277</b>	<b>1,305,219</b>	<b>0</b>	<b>778,680</b>	<b>1,623,591</b>	<b>2,402,271</b>	<b>49</b>	<b>4,514,121</b>
<b>CAROLINE</b>		<b>FT. AP HILL TRAINING RANGES DPTMS, FAPH</b>						<b>18902 AP HILL DRIVE,</b>				<b>SIC code: 9711</b>	
Copper	N	0	0	0	30,676	18	30,694	0	0	0	0	0	0
Total for FT. AP HILL TRAINING RAN (1 record)		0	0	0	30,676	18	30,694	0	0	0	0	0	0
<b>CAROLINE</b>		<b>HOOVER TREATED WOOD PRODUCTS,INC</b>						<b>18315 HOUSE DRIVE,</b>				<b>SIC code: 2491</b>	

\* A "Y" in the FORM A column means a simplified Form A was submitted. An "N" means the full Form R was submitted. Facilities may report using the Form A for a non-PBTchemical if the total annual reportable amount for that chemical does not exceed 500 pounds and the amount manufactured, processed, or otherwise used for that chemical does not exceed 1 million pounds. When filing a Form A, no amounts are reported but by default the appendix lists them as zero.

\*\* TOTAL OTHER OFF-SITE TRANSFERS = ALL OF FORM R SECTION 6.2 OFF-SITE TRANSFERS (DISPOSAL + TREATMENT + ENERGY RECOVERY + RECYCLING)

# 2004 Toxics Release Inventory

Appendix H

Facility County/Independent City	F O R M A*	On-Site Releases from Section 5 of Form R						On-Site Management from Section 8 of Form R				Off-Site Transfers from Section 6 of Form R	
		Fugitive Air (pounds)	Stack Air (pounds)	Total Air (pounds)	Land (pounds)	Water (pounds)	Total On-Site Releases (pounds)	Energy Recovery (pounds)	Recycling (pounds)	Treatment (pounds)	Total On-Site Management (pounds)	POTW (pounds)	Total Other Off-Site Transfers ** (pounds)
Arsenic Compounds	Y	0	0	0	0	0	0	0	0	0	0	0	0
Chromium Compounds	Y	0	0	0	0	0	0	0	0	0	0	0	0
Copper Compounds	Y	0	0	0	0	0	0	0	0	0	0	0	0
Total for HOOVER TREATED WOOD (3 records)		0	0	0	0	0	0	0	0	0	0	0	0
<b>CAROLINE</b>													
JCI JONES CHEMICALS, INC.								16248 INDUSTRIAL DRIVE,					SIC code: 2819
Chlorine	N	0	8	8	0	0	8	0	0	0	0	0	0
Total for JCI JONES CHEMICALS, IN (1 record)		0	8	8	0	0	8	0	0	0	0	0	0
Total for Above County (5 records)		0	8	8	30,676	18	30,702	0	0	0	0	0	0
<b>CARROLL</b>													
B. MICROFARADS, INC.								205 MILL ST., P.O. BOX 697					SIC code: 3675
Ethylene glycol	N	5	2,492	2,497	0	0	2,497	0	0	0	0	3,739	10,580
N,N-Dimethylformamide	N	5	240	245	0	0	245	0	0	0	0	0	920
Total for B. MICROFARADS, INC. (2 records)		10	2,732	2,742	0	0	2,742	0	0	0	0	3,739	11,500
<b>CARROLL</b>													
CONSOLIDATED GLASS AND MIRROR								110 JACK GUYNN DR,					SIC code: 3231
1,2,4-Trimethylbenzene	N	0	16,874	16,874	0	0	16,874	0	0	0	0	0	0
Total for CONSOLIDATED GLASS A (1 record)		0	16,874	16,874	0	0	16,874	0	0	0	0	0	0
Total for Above County (3 records)		10	19,606	19,616	0	0	19,616	0	0	0	0	3,739	11,500
<b>CHESAPEAKE (CITY)</b>													
AMERADA HESS CORP. CHESAPEAKE TERMINAL								4030 BUELL ST.,					SIC code: 5171
1,2,4-Trimethylbenzene	N	289	95	384	0	0	384	0	0	0	0	0	0
Benzene	N	104	247	351	0	0	351	0	0	0	0	0	5
Ethylbenzene	N	133	69	202	0	0	202	0	0	0	0	0	3
Methyl tert-butyl ether	N	1,390	5,371	6,761	0	0	6,761	0	0	0	0	0	0
Naphthalene	N	0	11	11	0	0	11	0	0	0	0	0	3
n-Hexane	N	429	865	1,294	0	0	1,294	0	0	0	0	0	0
Toluene	N	486	686	1,172	0	0	1,172	0	0	0	0	0	6
Xylene (mixed isomers)	N	652	266	918	0	0	918	0	0	0	0	0	17
Total for AMERADA HESS CORP. C (8 records)		3,483	7,610	11,093	0	0	11,093	0	0	0	0	0	34

\* A "Y" in the FORM A column means a simplified Form A was submitted. An "N" means the full Form R was submitted. Facilities may report using the Form A for a non-PBT chemical if the total annual reportable amount for that chemical does not exceed 500 pounds and the amount manufactured, processed, or otherwise used for that chemical does not exceed 1 million pounds. When filing a Form A, no amounts are reported but by default the appendix lists them as zero.

\*\* TOTAL OTHER OFF-SITE TRANSFERS = ALL OF FORM R SECTION 6.2 OFF-SITE TRANSFERS (DISPOSAL + TREATMENT + ENERGY RECOVERY + RECYCLING)

# 2004 Toxics Release Inventory

Appendix H

Facility County/Independent City	F O R M A*	On-Site Releases from Section 5 of Form R						On-Site Management from Section 8 of Form R				Off-Site Transfers from Section 6 of Form R	
Facility Name/Address		Fugitive Air (pounds)	Stack Air (pounds)	Total Air (pounds)	Land (pounds)	Water (pounds)	Total On-Site Releases (pounds)	Energy Recovery (pounds)	Recycling (pounds)	Treatment (pounds)	Total On-Site Management (pounds)	POTW (pounds)	Total Other Off-Site Transfers ** (pounds)
<b>CHESAPEAKE (CITY)</b>		<b>AMERICAN GFM CORPORATION</b>						<b>1200 CAVALIER BOULEVARD,</b>				<b>SIC code: 3541</b>	
Ammonia	N	0	6,630	6,630	0	0	6,630	0	0	0	0	0	0
Total for AMERICAN GFM CORPORA	(1 record)	0	6,630	6,630	0	0	6,630	0	0	0	0	0	0
<b>CHESAPEAKE (CITY)</b>		<b>CHESAPEAKE ENERGY CENTER</b>						<b>2701 VEPKO STREET,</b>				<b>SIC code: 4911</b>	
Ammonia	N	0	36,000	36,000	0	610	36,610	0	0	0	0	0	0
Arsenic Compounds	N	0	120	120	33,000	39	33,159	0	0	0	0	0	0
Barium Compounds	N	0	0	0	290,000	540	290,540	0	0	0	0	0	0
Chromium Compounds	N	0	200	200	58,000	3	58,203	0	0	0	0	0	0
Cobalt Compounds	N	0	46	46	20,000	1	20,047	0	0	0	0	0	0
Copper Compounds	N	0	7	7	65,000	57	65,064	0	0	0	0	0	0
Hydrochloric acid (acid aerosols)	N	0	2,000,000	2,000,000	0	0	2,000,000	0	0	0	0	0	0
Hydrogen fluoride	N	0	250,000	250,000	0	0	250,000	0	0	0	0	0	0
Manganese Compounds	N	0	240	240	74,000	290	74,530	0	0	0	0	0	0
Nickel Compounds	N	0	210	210	49,000	870	50,080	0	0	0	0	0	0
Sulfuric acid (acid aerosols)	N	0	180,000	180,000	0	0	180,000	0	0	540,000	540,000	0	0
Vanadium Compounds	N	0	0	0	110,000	0	110,000	0	0	0	0	0	0
Zinc Compounds	N	0	4	4	62,000	7,500	69,504	0	0	0	0	0	0
Chlorine	Y	0	0	0	0	0	0	0	0	0	0	0	0
Total for CHESAPEAKE ENERGY CE	(14 records)	0	2,466,827	2,466,827	761,000	9,910	3,237,737	0	0	540,000	540,000	0	0
<b>CHESAPEAKE (CITY)</b>		<b>CHESAPEAKE SOY CRUSHING</b>						<b>501 BARNES ROAD,</b>				<b>SIC code: 2075</b>	
Hydrochloric acid (acid aerosols)	N	0	38,000	38,000	0	0	38,000	0	0	0	0	0	0
n-Hexane	N	85,000	190,000	275,000	0	0	275,000	0	0	0	0	80	0
Sulfuric acid (acid aerosols)	N	0	26,000	26,000	0	0	26,000	0	0	0	0	0	0
Barium Compounds	Y	0	0	0	0	0	0	0	0	0	0	0	0
Zinc Compounds	Y	0	0	0	0	0	0	0	0	0	0	0	0
Total for CHESAPEAKE SOY CRUSH	(5 records)	85,000	254,000	339,000	0	0	339,000	0	0	0	0	80	0

\* A "Y" in the FORM A column means a simplified Form A was submitted. An "N" means the full Form R was submitted. Facilities may report using the Form A for a non-PBT chemical if the total annual reportable amount for that chemical does not exceed 500 pounds and the amount manufactured, processed, or otherwise used for that chemical does not exceed 1 million pounds. When filing a Form A, no amounts are reported but by default the appendix lists them as zero.

\*\* TOTAL OTHER OFF-SITE TRANSFERS = ALL OF FORM R SECTION 6.2 OFF-SITE TRANSFERS (DISPOSAL + TREATMENT + ENERGY RECOVERY + RECYCLING)

# 2004 Toxics Release Inventory

Appendix H

Facility County/Independent City	F O R M A*	On-Site Releases from Section 5 of Form R						On-Site Management from Section 8 of Form R				Off-Site Transfers from Section 6 of Form R	
Facility Name/Address		Fugitive Air (pounds)	Stack Air (pounds)	Total Air (pounds)	Land (pounds)	Water (pounds)	Total On-Site Releases (pounds)	Energy Recovery (pounds)	Recycling (pounds)	Treatment (pounds)	Total On-Site Management (pounds)	POTW (pounds)	Total Other Off-Site Transfers ** (pounds)
<b>CHESAPEAKE (CITY)</b>		<b>DLBA ROBOTICS, LTD.</b>						<b>1320 YACHT DRIVE, NONE</b>				<b>SIC code: 3544</b>	
Styrene	N	6,252	0	6,252	0	0	6,252	0	0	0	0	0	36
Total for DLBA Robotics, Ltd.	(1 record)	<b>6,252</b>	<b>0</b>	<b>6,252</b>	<b>0</b>	<b>0</b>	<b>6,252</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>36</b>
<b>CHESAPEAKE (CITY)</b>		<b>FLOWSERVE US INC.</b>						<b>3900 COOK BLVD,</b>				<b>SIC code: 3561</b>	
Chromium	N	0	0	0	0	0	0	0	0	0	0	5	23,153
Nickel	N	0	0	0	0	0	0	0	0	0	0	0	24,040
Total for Flowserve US Inc.	(2 records)	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>5</b>	<b>47,193</b>
<b>CHESAPEAKE (CITY)</b>		<b>GENERAL ELECTRIC HEAT TRANSFER PRODUCTS</b>						<b>2601 TRADE STREET,</b>				<b>SIC code: 3443</b>	
Copper	N	0	0	0	0	0	0	0	0	0	0	5	30,266
Total for General Electric Heat Transf	(1 record)	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>5</b>	<b>30,266</b>
<b>CHESAPEAKE (CITY)</b>		<b>MITSUBISHI CHEMICAL AMERICA INC. - OPC</b>						<b>401 VOLVO PARKJWAY,</b>				<b>SIC code: 3861</b>	
Certain Glycol Ethers	N	0	255	255	0	0	255	0	0	0	0	0	6,018
Toluene	N	0	1,395	1,395	0	0	1,395	0	0	0	0	0	7,908
Trichloroethylene	N	0	12,872	12,872	0	0	12,872	0	0	0	0	0	7,400
Total for Mitsubishi Chemical America	(3 records)	<b>0</b>	<b>14,522</b>	<b>14,522</b>	<b>0</b>	<b>0</b>	<b>14,522</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>21,326</b>
<b>CHESAPEAKE (CITY)</b>		<b>NOVA CHEMICALS, INC.</b>						<b>5100 BAINBRIDGE BLVD.,</b>				<b>SIC code: 2821</b>	
Decabromodiphenyl oxide	N	10	10	20	0	0	20	0	0	0	0	0	69
Ethylbenzene	N	18	577	595	0	0	595	0	0	10	10	10	20
Styrene	N	4,000	5,534	9,534	0	0	9,534	0	0	76,321	76,321	70	110
Xylene (mixed isomers)	N	14	1,168	1,182	0	0	1,182	0	0	10	10	10	20
Cumene	Y	0	0	0	0	0	0	0	0	0	0	0	0
Zinc Compounds	Y	0	0	0	0	0	0	0	0	0	0	0	0
Total for NOVA CHEMICALS, INC.	(6 records)	<b>4,042</b>	<b>7,289</b>	<b>11,331</b>	<b>0</b>	<b>0</b>	<b>11,331</b>	<b>0</b>	<b>0</b>	<b>76,341</b>	<b>76,341</b>	<b>90</b>	<b>219</b>
<b>CHESAPEAKE (CITY)</b>		<b>ROYSTER-CLARK, INC.</b>						<b>1400 WEAVER LANE,</b>				<b>SIC code: 2875</b>	
Ammonia	N	169	150	319	0	1,092	1,411	0	14,886	0	14,886	0	0

\* A "Y" in the FORM A column means a simplified Form A was submitted. An "N" means the full Form R was submitted. Facilities may report using the Form A for a non-PBT chemical if the total annual reportable amount for that chemical does not exceed 500 pounds and the amount manufactured, processed, or otherwise used for that chemical does not exceed 1 million pounds. When filing a Form A, no amounts are reported but by default the appendix lists them as zero.

\*\* TOTAL OTHER OFF-SITE TRANSFERS = ALL OF FORM R SECTION 6.2 OFF-SITE TRANSFERS (DISPOSAL + TREATMENT + ENERGY RECOVERY + RECYCLING)



# 2004 Toxics Release Inventory

Appendix H

Facility County/Independent City	F O R M A*	On-Site Releases from Section 5 of Form R						On-Site Management from Section 8 of Form R				Off-Site Transfers from Section 6 of Form R	
Facility Name/Address		Fugitive Air (pounds)	Stack Air (pounds)	Total Air (pounds)	Land (pounds)	Water (pounds)	Total On-Site Releases (pounds)	Energy Recovery (pounds)	Recycling (pounds)	Treatment (pounds)	Total On-Site Management (pounds)	POTW (pounds)	Total Other Off-Site Transfers ** (pounds)
Chemical Name													
Nitrate compounds	N	0	0	0	0	2,690	2,690	0	0	0	0	0	0
Manganese Compounds	Y	0	0	0	0	0	0	0	0	0	0	0	0
Zinc Compounds	Y	0	0	0	0	0	0	0	0	0	0	0	0
Total for Royster-Clark, Inc.	(4 records)	169	150	319	0	3,782	4,101	0	14,886	0	14,886	0	0
<b>CHESAPEAKE (CITY)</b>		<b>SOUTHERN STATES CO-OP, INC.</b>						<b>2651 SOUTH MILITARY HWY,</b>				<b>SIC code: 2875</b>	
Ammonia	N	0	12,413	12,413	0	0	12,413	0	0	0	0	0	0
Copper	N	0	2	2	0	0	2	0	0	0	0	0	0
Manganese	N	0	3	3	0	0	3	0	0	0	0	0	0
Zinc (fume or dust)	N	0	2	2	0	0	2	0	0	0	0	0	0
Total for SOUTHERN STATES CO-O	(4 records)	0	12,420	12,420	0	0	12,420	0	0	0	0	0	0
<b>Total for Above County (49 records)</b>		<b>98,946</b>	<b>2,769,448</b>	<b>2,868,394</b>	<b>761,000</b>	<b>13,692</b>	<b>3,643,086</b>	<b>0</b>	<b>14,886</b>	<b>616,341</b>	<b>631,227</b>	<b>180</b>	<b>99,074</b>
<b>CHESTERFIELD</b>		<b>ALSCO METALS CORPORATION</b>						<b>1701 REYMET ROAD,</b>				<b>SIC code: 3365</b>	
Hydrochloric acid (acid aerosols)	N	5,500	750	6,250	0	0	6,250	0	0	103,931	103,931	0	0
Total for ALSCO METALS CORPORA	(1 record)	5,500	750	6,250	0	0	6,250	0	0	103,931	103,931	0	0
<b>CHESTERFIELD</b>		<b>BELLWOOD PRINTING PLANT</b>						<b>2001 REYMET ROAD,</b>				<b>SIC code: 2754</b>	
Methyl ethyl ketone	N	7,344	17,008	24,352	0	0	24,352	0	0	10,469	10,469	0	1,011
N-Methyl-2-pyrrolidone	N	15,053	15,094	30,147	0	0	30,147	0	27,690	0	27,690	0	13,122
Toluene	N	6,818	15,750	22,568	0	0	22,568	0	0	9,719	9,719	0	867
Total for BELLWOOD PRINTING PLA	(3 records)	29,215	47,852	77,067	0	0	77,067	0	27,690	20,188	47,878	0	15,000
<b>CHESTERFIELD</b>		<b>CHESTERFIELD POWER STATION</b>						<b>500 COXENDALE RD.,</b>				<b>SIC code: 4911</b>	
Ammonia	N	0	12,000	12,000	0	5,400	17,400	0	0	0	0	0	0
Arsenic Compounds	N	0	1,300	1,300	45,000	2,500	48,800	0	0	0	0	0	0
Barium Compounds	N	0	34	34	400,000	7,600	407,634	0	0	0	0	0	0
Chromium Compounds	N	0	1,200	1,200	84,000	57	85,257	0	0	0	0	0	0
Cobalt Compounds	N	0	360	360	29,000	75	29,435	0	0	0	0	0	0
Copper Compounds	N	0	13	13	95,000	130	95,143	0	0	0	0	0	0

\* A "Y" in the FORM A column means a simplified Form A was submitted. An "N" means the full Form R was submitted. Facilities may report using the Form A for a non-PBTchemical if the total annual reportable amount for that chemical does not exceed 500 pounds and the amount manufactured, processed, or otherwise used for that chemical does not exceed 1 million pounds. When filing a Form A, no amounts are reported but by default the appendix lists them as zero.

\*\* TOTAL OTHER OFF-SITE TRANSFERS = ALL OF FORM R SECTION 6.2 OFF-SITE TRANSFERS (DISPOSAL + TREATMENT + ENERGY RECOVERY + RECYCLING)

Page H-16 of H-92

# 2004 Toxics Release Inventory

Appendix H

Facility County/Independent City	F O R M A*	On-Site Releases from Section 5 of Form R						On-Site Management from Section 8 of Form R				Off-Site Transfers from Section 6 of Form R	
		Fugitive Air (pounds)	Stack Air (pounds)	Total Air (pounds)	Land (pounds)	Water (pounds)	Total On-Site Releases (pounds)	Energy Recovery (pounds)	Recycling (pounds)	Treatment (pounds)	Total On-Site Management (pounds)	POTW (pounds)	Total Other Off-Site Transfers ** (pounds)
Chemical Name													
Hydrochloric acid (acid aerosols)	N	0	3,400,000	3,400,000	0	0	3,400,000	0	0	0	0	0	0
Hydrogen fluoride	N	0	420,000	420,000	0	0	420,000	0	0	0	0	0	0
Manganese Compounds	N	0	1,500	1,500	110,000	1,100	112,600	0	0	0	0	0	0
Nickel Compounds	N	0	1,300	1,300	72,000	170	73,470	0	0	0	0	0	0
Sulfuric acid (acid aerosols)	N	0	390,000	390,000	0	0	390,000	0	0	1,200,000	1,200,000	0	0
Vanadium Compounds	N	0	0	0	160,000	0	160,000	0	0	0	0	0	0
Zinc Compounds	N	0	230	230	100,000	520	100,750	0	0	0	0	0	0
Total for Chesterfield Power Station (13 records)		0	4,227,937	4,227,937	1,095,000	17,552	5,340,489	0	0	1,200,000	1,200,000	0	0
<b>CHESTERFIELD</b>								<b>1851 TOUCHSTONE ROAD,</b>				<b>SIC code: 3069</b>	
Ammonia	N	14,634	300,204	314,838	0	0	314,838	0	0	0	0	711	0
Nitrate compounds	N	0	94	94	0	0	94	0	0	0	0	84,407	2,340
Total for CHURCH & DWIGHT CO., I (2 records)		14,634	300,298	314,932	0	0	314,932	0	0	0	0	85,118	2,340
<b>CHESTERFIELD</b>								<b>8000 JEFFERSON DAVIS HIGHWAY,</b>				<b>SIC code: 9199</b>	
Bromochlorodifluoromethane	N	1,362	0	1,362	0	0	1,362	0	118,500	0	118,500	0	0
Bromotrifluoromethane	N	691	0	691	0	0	691	0	41,734	0	41,734	0	0
Dichlorodifluoromethane	N	613	0	613	0	0	613	0	80,665	0	80,665	0	0
Dichlorotetrafluoroethane	N	991	0	991	0	0	991	0	177,230	0	177,230	0	0
Trichlorofluoromethane	N	133	0	133	0	0	133	0	26,600	0	26,600	0	0
Total for DEFENSE SUPPLY CENTE (5 records)		3,790	0	3,790	0	0	3,790	0	444,729	0	444,729	0	0
<b>CHESTERFIELD</b>								<b>1201 BELLWOOD ROAD,</b>				<b>SIC code: 2819</b>	
Sulfuric acid (acid aerosols)	N	3,008	14,620	17,628	0	0	17,628	0	0	0	0	0	0
Total for DUPONT JAMES RIVER PL (1 record)		3,008	14,620	17,628	0	0	17,628	0	0	0	0	0	0
<b>CHESTERFIELD</b>								<b>U.S.HIGHWAY 1 AT COGBILL ROAD,</b>				<b>SIC code: 2824</b>	
1,3-Phenylenediamine	N	0	0	0	0	0	0	0	0	0	0	0	272
Chloroform	N	861	5,696	6,557	0	34	6,591	0	0	150	150	0	0

\* A "Y" in the FORM A column means a simplified Form A was submitted. An "N" means the full Form R was submitted. Facilities may report using the Form A for a non-PBTchemical if the total annual reportable amount for that chemical does not exceed 500 pounds and the amount manufactured, processed, or otherwise used for that chemical does not exceed 1 million pounds. When filing a Form A, no amounts are reported but by default the appendix lists them as zero.

\*\* TOTAL OTHER OFF-SITE TRANSFERS = ALL OF FORM R SECTION 6.2 OFF-SITE TRANSFERS (DISPOSAL + TREATMENT + ENERGY RECOVERY + RECYCLING)

Page H-17 of H-92

# 2004 Toxics Release Inventory

Appendix H

Facility County/Independent City	FORM A*	On-Site Releases from Section 5 of Form R						On-Site Management from Section 8 of Form R				Off-Site Transfers from Section 6 of Form R	
		Fugitive Air (pounds)	Stack Air (pounds)	Total Air (pounds)	Land (pounds)	Water (pounds)	Total On-Site Releases (pounds)	Energy Recovery (pounds)	Recycling (pounds)	Treatment (pounds)	Total On-Site Management (pounds)	POTW (pounds)	Total Other Off-Site Transfers ** (pounds)
Chemical Name													
Dimethylamine	N	13,508	0	13,508	0	7,847	21,355	0	0	121,297	121,297	0	0
Nitrate compounds	N	0	0	0	0	65,395	65,395	0	0	6,000	6,000	0	0
N-Methyl-2-pyrrolidone	N	0	9,720	9,720	0	7,506	17,226	0	0	47,340	47,340	0	218,509
p-Phenylenediamine	N	0	0	0	0	0	0	0	0	0	0	0	6,005
Sodium nitrite	N	0	0	0	0	18,763	18,763	0	0	26,187	26,187	0	0
Toluene	N	29,731	20,369	50,100	0	33	50,133	0	0	767	767	0	160,931
Trichlorofluoromethane	N	162,210	0	162,210	0	29	162,239	0	0	13,611	13,611	0	0
Total for DUPONT SPRUANCE PLAN (9 records)		<b>206,310</b>	<b>35,785</b>	<b>242,095</b>	<b>0</b>	<b>99,607</b>	<b>341,702</b>	<b>0</b>	<b>0</b>	<b>215,352</b>	<b>215,352</b>	<b>0</b>	<b>385,717</b>
<b>CHESTERFIELD</b>		<b>DUPONT TEIJIN FILMS</b>						<b>111 DISCOVERY DRIVE,</b>				<b>SIC code: 2821</b>	
Acetaldehyde	N	0	45,920	45,920	0	454	46,374	0	0	88	88	696	0
Antimony Compounds	N	0	0	0	0	193	193	0	0	0	0	594	76
Ethylene glycol	N	0	1,720	1,720	0	3,881	5,601	0	0	683,020	683,020	1,400,751	153
Methanol	N	5,800	136,380	142,180	0	2,662	144,842	0	0	150,773	150,773	449,549	0
Nitrate compounds	N	0	0	0	0	3,775	3,775	0	0	7,275	7,275	121	98
Total for DUPONT TEIJIN FILMS (5 records)		<b>5,800</b>	<b>184,020</b>	<b>189,820</b>	<b>0</b>	<b>10,965</b>	<b>200,785</b>	<b>0</b>	<b>0</b>	<b>841,156</b>	<b>841,156</b>	<b>1,851,711</b>	<b>327</b>
<b>CHESTERFIELD</b>		<b>ETERNAL TECHNOLOGY CORPORATION</b>						<b>1800 TOUCHSTONE ROAD</b>				<b>SIC code: 3081</b>	
Methyl ethyl ketone	N	8,967	6,158	15,125	149	0	15,274	609,668	0	0	609,668	255	222,306
Toluene	N	1,826	2,031	3,857	50	0	3,907	201,100	0	0	201,100	255	9,159
Total for Eternal Technology Corporati (2 records)		<b>10,793</b>	<b>8,190</b>	<b>18,983</b>	<b>199</b>	<b>0</b>	<b>19,182</b>	<b>810,768</b>	<b>0</b>	<b>0</b>	<b>810,768</b>	<b>510</b>	<b>231,465</b>
<b>CHESTERFIELD</b>		<b>HONEYWELL INTERNATIONAL INC. TECHNICAL CENTER</b>						<b>15801 WOODS EDGE ROAD,</b>				<b>SIC code: 2824</b>	
Freon 113	N	193,119	45,873	238,992	0	0	238,992	0	0	0	0	255	64,260
Total for HONEYWELL INTERNATIO (1 record)		<b>193,119</b>	<b>45,873</b>	<b>238,992</b>	<b>0</b>	<b>0</b>	<b>238,992</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>255</b>	<b>64,260</b>
<b>CHESTERFIELD</b>		<b>HONEYWELL NYLON LLC</b>						<b>4101 BERMUDA HUNDRED ROAD,</b>				<b>SIC code: 2821</b>	
Zinc Compounds	N	0	0	0	0	304	304	0	0	0	0	24	267
Total for HONEYWELL NYLON LLC (1 record)		<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>304</b>	<b>304</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>24</b>	<b>267</b>

\* A "Y" in the FORM A column means a simplified Form A was submitted. An "N" means the full Form R was submitted. Facilities may report using the Form A for a non-PBT chemical if the total annual reportable amount for that chemical does not exceed 500 pounds and the amount manufactured, processed, or otherwise used for that chemical does not exceed 1 million pounds. When filing a Form A, no amounts are reported but by default the appendix lists them as zero.

\*\* TOTAL OTHER OFF-SITE TRANSFERS = ALL OF FORM R SECTION 6.2 OFF-SITE TRANSFERS (DISPOSAL + TREATMENT + ENERGY RECOVERY + RECYCLING)

# 2004 Toxics Release Inventory

Appendix H

Facility County/Independent City	F O R M A*	On-Site Releases from Section 5 of Form R						On-Site Management from Section 8 of Form R				Off-Site Transfers from Section 6 of Form R	
Facility Name/Address		Fugitive Air (pounds)	Stack Air (pounds)	Total Air (pounds)	Land (pounds)	Water (pounds)	Total On-Site Releases (pounds)	Energy Recovery (pounds)	Recycling (pounds)	Treatment (pounds)	Total On-Site Management (pounds)	POTW (pounds)	Total Other Off-Site Transfers ** (pounds)
<b>CHESTERFIELD</b>		<b>KAISER BELLWOOD CORP.</b>						<b>1901 REYMET RD,</b>				<b>SIC code: 3354</b>	
Chromium	Y	0	0	0	0	0	0	0	0	0	0	0	0
Copper	Y	0	0	0	0	0	0	0	0	0	0	0	0
Total for KAISER BELLWOOD CORP (2 records)		<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>CHESTERFIELD</b>		<b>PHILIP MORRIS USA INC-PARK 500 SUITE</b>						<b>4100 BERMUDA HUNDRED ROAD,</b>				<b>SIC code: 2141</b>	
Ammonia	N	500	49,000	49,500	0	250	49,750	0	0	6,000	6,000	120	2,000
Chlorine	N	0	0	0	0	10,000	10,000	0	0	0	0	0	0
Hydrochloric acid (acid aerosols)	N	0	220,000	220,000	0	0	220,000	0	0	0	0	0	0
Hydrogen fluoride	N	0	27,000	27,000	0	0	27,000	0	0	0	0	0	0
Nicotine and salts	N	200	20,000	20,200	0	0	20,200	0	0	240,000	240,000	0	0
Nitrate compounds	N	0	0	0	0	37,000	37,000	0	0	430,000	430,000	0	0
Total for PHILIP MORRIS USA INC-P (6 records)		<b>700</b>	<b>316,000</b>	<b>316,700</b>	<b>0</b>	<b>47,250</b>	<b>363,950</b>	<b>0</b>	<b>0</b>	<b>676,000</b>	<b>676,000</b>	<b>120</b>	<b>2,000</b>
<b>CHESTERFIELD</b>		<b>R.J. REYNOLDS TOBACCO COMPANY</b>						<b>13101 N. ENON CHURCH ROAD,</b>				<b>SIC code: 2141</b>	
Ammonia	N	8,900	1,200	10,100	0	200	10,300	0	0	5,900	5,900	0	551
Nicotine and salts	N	1,600	780	2,380	0	640	3,020	0	0	91,000	91,000	0	416
Nitrate compounds	N	0	0	0	0	19,000	19,000	0	0	40,000	40,000	0	0
Total for R.J. REYNOLDS TOBACCO (3 records)		<b>10,500</b>	<b>1,980</b>	<b>12,480</b>	<b>0</b>	<b>19,840</b>	<b>32,320</b>	<b>0</b>	<b>0</b>	<b>136,900</b>	<b>136,900</b>	<b>0</b>	<b>967</b>
<b>CHESTERFIELD</b>		<b>REHRIG INTERNATIONAL</b>						<b>1301 BATTERY BROOKE PARKWAY,</b>				<b>SIC code: 3471</b>	
Certain Glycol Ethers	N	440	1,412	1,852	0	0	1,852	0	0	0	0	32,884	242
Chromium Compounds	N	0	0	0	0	4	4	0	11	0	11	23	11,378
Nickel Compounds	N	0	1	1	0	37	38	0	0	0	0	46	46,138
Total for REHRIG INTERNATIONAL (3 records)		<b>440</b>	<b>1,413</b>	<b>1,853</b>	<b>0</b>	<b>41</b>	<b>1,894</b>	<b>0</b>	<b>11</b>	<b>0</b>	<b>11</b>	<b>32,953</b>	<b>57,758</b>
<b>CHESTERFIELD</b>		<b>SAFETY-KLEEN SYSTEMS (315401)</b>						<b>1200 W. 100 ROAD, P.O. BOX 1098</b>				<b>SIC code: 7389</b>	
Ethylene glycol	N	1	6	7	0	0	7	0	0	0	0	0	186,901
Total for Safety-Kleen Systems (3154 (1 record)		<b>1</b>	<b>6</b>	<b>7</b>	<b>0</b>	<b>0</b>	<b>7</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>186,901</b>

\* A "Y" in the FORM A column means a simplified Form A was submitted. An "N" means the full Form R was submitted. Facilities may report using the Form A for a non-PBT chemical if the total annual reportable amount for that chemical does not exceed 500 pounds and the amount manufactured, processed, or otherwise used for that chemical does not exceed 1 million pounds. When filing a Form A, no amounts are reported but by default the appendix lists them as zero.

\*\* TOTAL OTHER OFF-SITE TRANSFERS = ALL OF FORM R SECTION 6.2 OFF-SITE TRANSFERS (DISPOSAL + TREATMENT + ENERGY RECOVERY + RECYCLING)

Page H-19 of H-92

# 2004 Toxics Release Inventory

Appendix H

Facility County/Independent City	F O R M A*	On-Site Releases from Section 5 of Form R						On-Site Management from Section 8 of Form R				Off-Site Transfers from Section 6 of Form R	
		Fugitive Air (pounds)	Stack Air (pounds)	Total Air (pounds)	Land (pounds)	Water (pounds)	Total On-Site Releases (pounds)	Energy Recovery (pounds)	Recycling (pounds)	Treatment (pounds)	Total On-Site Management (pounds)	POTW (pounds)	Total Other Off-Site Transfers ** (pounds)
<b>CHESTERFIELD</b>		<b>SUN CHEMICAL - GPI</b>						<b>16000 CONTINENTAL BLVD,</b>				<b>SIC code: 2893</b>	
Copper	N	25	16	41	0	0	41	0	0	0	0	0	1,277
Dibutyl phthalate	N	0	0	0	0	0	0	0	0	0	0	0	99
Total for SUN CHEMICAL - GPI	(2 records)	<b>25</b>	<b>16</b>	<b>41</b>	<b>0</b>	<b>0</b>	<b>41</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,376</b>
<b>CHESTERFIELD</b>		<b>SUPER RADIATOR COILS</b>						<b>451 SOUTHLAKE BOULEVARD,</b>				<b>SIC code: 3585</b>	
Tetrachloroethylene	N	0	84,796	84,796	0	0	84,796	0	0	0	0	0	26,304
Chromium	Y	0	0	0	0	0	0	0	0	0	0	0	0
Copper	Y	0	0	0	0	0	0	0	0	0	0	0	0
Nickel	Y	0	0	0	0	0	0	0	0	0	0	0	0
Total for SUPER RADIATOR COILS	(4 records)	<b>0</b>	<b>84,796</b>	<b>84,796</b>	<b>0</b>	<b>0</b>	<b>84,796</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>26,304</b>
<b>CHESTERFIELD</b>		<b>THE HON COMPANY</b>						<b>11200 OLD STAGE ROAD,</b>				<b>SIC code: 2522</b>	
1,2,4-Trimethylbenzene	N	2,151	19,353	21,504	0	0	21,504	0	0	0	0	0	13,000
Xylene (mixed isomers)	N	1,546	13,915	15,461	0	0	15,461	0	0	0	0	0	6,500
Total for THE HON COMPANY	(2 records)	<b>3,697</b>	<b>33,268</b>	<b>36,965</b>	<b>0</b>	<b>0</b>	<b>36,965</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>19,500</b>
<b>CHESTERFIELD</b>		<b>UNIVAR USA INC CHESTER FACILIT Y</b>						<b>1001 OLD BERMUDA HUNDRED ROAD,</b>				<b>SIC code: 5169</b>	
1,2,4-Trimethylbenzene	N	3	5	8	0	0	8	0	0	0	0	0	992
Cyclohexane	N	11	364	375	0	0	375	0	0	0	0	0	6,800
Di(2-ethylhexyl) phthalate	N	1	0	1	0	0	1	0	0	0	0	0	1,400
Dibutyl phthalate	N	2	0	2	0	0	2	0	0	0	0	0	1,600
Ethylbenzene	N	3	31	34	0	0	34	0	0	0	0	0	744
Methanol	N	6	413	419	0	0	419	0	0	0	0	0	4,075
Methyl isobutyl ketone	N	25	240	265	0	0	265	0	0	0	0	0	8,700
N,N-Dimethylformamide	N	5	8	13	0	0	13	0	0	0	0	0	2,200
Tetrachloroethylene	N	2	7	9	0	0	9	0	0	0	0	0	700
Toluene	N	40	408	448	0	0	448	0	0	0	0	0	8,300

\* A "Y" in the FORM A column means a simplified Form A was submitted. An "N" means the full Form R was submitted. Facilities may report using the Form A for a non-PBTchemical if the total annual reportable amount for that chemical does not exceed 500 pounds and the amount manufactured, processed, or otherwise used for that chemical does not exceed 1 million pounds. When filing a Form A, no amounts are reported but by default the appendix lists them as zero.

\*\* TOTAL OTHER OFF-SITE TRANSFERS = ALL OF FORM R SECTION 6.2 OFF-SITE TRANSFERS (DISPOSAL + TREATMENT + ENERGY RECOVERY + RECYCLING)

Page H-20 of H-92

# 2004 Toxics Release Inventory

Appendix H

Facility County/Independent City		FORM A*	On-Site Releases from Section 5 of Form R					On-Site Management from Section 8 of Form R				Off-Site Transfers from Section 6 of Form R		
Facility Name/Address			Fugitive Air (pounds)	Stack Air (pounds)	Total Air (pounds)	Land (pounds)	Water (pounds)	Total On-Site Releases (pounds)	Energy Recovery (pounds)	Recycling (pounds)	Treatment (pounds)	Total On-Site Management (pounds)	POTW (pounds)	Total Other Off-Site Transfers ** (pounds)
Chemical Name														
Xylene (mixed isomers)		N	6	34	40	0	0	40	0	0	0	0	0	2,200
Certain Glycol Ethers		Y	0	0	0	0	0	0	0	0	0	0	0	0
Ethylene glycol		Y	0	0	0	0	0	0	0	0	0	0	0	0
Total for UNIVAR USA INC CHESTE (13 records)			104	1,510	1,614	0	0	1,614	0	0	0	0	0	37,711
CHESTERFIELD UPACO ADHESIVES INC.									4105 CASTLEWOOD ROAD,				SIC code: 2891	
Methyl ethyl ketone		N	255	0	255	0	0	255	0	0	0	0	0	510
Toluene		N	255	0	255	0	0	255	0	0	0	0	0	510
Total for Upaco Adhesives Inc. (2 records)			510	0	510	0	0	510	0	0	0	0	0	1,020
CHESTERFIELD WAKO CHEMICALS USA INC.									1600 BELLWOOD ROAD,				SIC code: 2869	
Ammonia		N	50	50	100	0	0	100	0	0	850	850	0	0
Hydrochloric acid (acid aerosols)		N	300	530	830	0	0	830	0	0	10,440	10,440	0	0
Methanol		N	300	17,100	17,400	0	0	17,400	0	0	77,800	77,800	780	163,000
Toluene		N	300	2,350	2,650	0	0	2,650	0	0	2,000	2,000	150	66,100
Total for WAKO CHEMICALS USA IN (4 records)			950	20,030	20,980	0	0	20,980	0	0	91,090	91,090	930	229,100
Total for Above County (85 records)			489,096	5,324,344	5,813,440	1,095,199	195,559	7,104,197	810,768	472,430	3,284,617	4,567,815	1,971,621	1,262,013
CLARKE GRIFFITH ENERGY SERVICES INC									618 E. MAIN ST,				SIC code: 5171	
1,2,4-Trimethylbenzene		Y	0	0	0	0	0	0	0	0	0	0	0	0
Naphthalene		Y	0	0	0	0	0	0	0	0	0	0	0	0
Toluene		Y	0	0	0	0	0	0	0	0	0	0	0	0
Total for GRIFFITH ENERGY SERVI (3 records)			0	0	0	0	0	0	0	0	0	0	0	0
Total for Above County (3 records)			0	0	0	0	0	0	0	0	0	0	0	0
COLONIAL HEIGHTS (CITY) ROSLYN CONVERTERS INC.									1106 WEST ROSLYN ROAD,				SIC code: 2754	
Dibutyl phthalate		Y	0	0	0	0	0	0	0	0	0	0	0	0
Total for ROSLYN CONVERTERS IN (1 record)			0	0	0	0	0	0	0	0	0	0	0	0
Total for Above County (1 record)			0	0	0	0	0	0	0	0	0	0	0	0
CULPEPER CULPEPER WOOD PRESERVERS									15487 BRAGGS CORNER ROAD,				SIC code: 2491	

\* A "Y" in the FORM A column means a simplified Form A was submitted. An "N" means the full Form R was submitted. Facilities may report using the Form A for a non-PBTchemical if the total annual reportable amount for that chemical does not exceed 500 pounds and the amount manufactured, processed, or otherwise used for that chemical does not exceed 1 million pounds. When filing a Form A, no amounts are reported but by default the appendix lists them as zero.

\*\* TOTAL OTHER OFF-SITE TRANSFERS = ALL OF FORM R SECTION 6.2 OFF-SITE TRANSFERS (DISPOSAL + TREATMENT + ENERGY RECOVERY + RECYCLING)

# 2004 Toxics Release Inventory

Appendix H

Facility County/Independent City	F O R M A*	On-Site Releases from Section 5 of Form R						On-Site Management from Section 8 of Form R				Off-Site Transfers from Section 6 of Form R	
Facility Name/Address		Fugitive Air (pounds)	Stack Air (pounds)	Total Air (pounds)	Land (pounds)	Water (pounds)	Total On-Site Releases (pounds)	Energy Recovery (pounds)	Recycling (pounds)	Treatment (pounds)	Total On-Site Management (pounds)	POTW (pounds)	Total Other Off-Site Transfers ** (pounds)
Copper Compounds	Y	0	0	0	0	0	0	0	0	0	0	0	0
Total for CULPEPER WOOD PRESE (1 record)		0	0	0	0	0	0	0	0	0	0	0	0
<b>CULPEPER</b>		<b>QUARLES PETROLEUM, INC., CULPEPER BULK PLANT</b>						<b>15427 BRANDY ROAD,</b>				<b>SIC code: 5171</b>	
1,2,4-Trimethylbenzene	Y	0	0	0	0	0	0	0	0	0	0	0	0
Benzene	Y	0	0	0	0	0	0	0	0	0	0	0	0
Ethylbenzene	Y	0	0	0	0	0	0	0	0	0	0	0	0
Methyl tert-butyl ether	Y	0	0	0	0	0	0	0	0	0	0	0	0
n-Hexane	Y	0	0	0	0	0	0	0	0	0	0	0	0
Toluene	Y	0	0	0	0	0	0	0	0	0	0	0	0
Xylene (mixed isomers)	Y	0	0	0	0	0	0	0	0	0	0	0	0
Total for QUARLES PETROLEUM, IN (7 records)		0	0	0	0	0	0	0	0	0	0	0	0
<b>CULPEPER</b>		<b>THE ROCHESTER CORPORATION</b>						<b>751 OLD BRANDY ROAD,</b>				<b>SIC code: 3357</b>	
Copper	N	0	0	0	1	0	1	0	0	0	0	1	195,018
Total for THE ROCHESTER CORPO (1 record)		0	0	0	1	0	1	0	0	0	0	1	195,018
<b>CULPEPER</b>		<b>U.S. GREENFIBER, LLC</b>						<b>21465 BUSINESS COURT,</b>				<b>SIC code: 2679</b>	
Zinc Compounds	N	2	6	8	0	0	8	0	0	0	0	0	0
Total for U.S. GREENFIBER, LLC (1 record)		2	6	8	0	0	8	0	0	0	0	0	0
<b>CULPEPER</b>		<b>WORLD WIDE AUTOMOTIVE-COFFEEWOOD CORRECTIONAL FACIL</b>						<b>12352 COFFEEWOOD DRIVE,</b>				<b>SIC code: 3694</b>	
Copper	N	0	0	0	0	0	0	0	0	0	0	0	23,814
Total for World Wide Automotive-Coff (1 record)		0	0	0	0	0	0	0	0	0	0	0	23,814
<b>Total for Above County (11 records)</b>		<b>2</b>	<b>6</b>	<b>8</b>	<b>1</b>	<b>0</b>	<b>9</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>218,832</b>
<b>DANVILLE (CITY)</b>		<b>DAN RIVER INC. - SCHOOLFIELD COMPLEX</b>						<b>1100 WEST MAIN STREET,</b>				<b>SIC code: 2211</b>	
Chlorine	N	504	0	504	0	0	504	0	0	0	0	0	0
Ethylene glycol	N	0	0	0	0	0	0	0	0	0	0	5,950	0
Hydrochloric acid (acid aerosols)	N	0	83,233	83,233	0	0	83,233	0	0	0	0	0	0

\* A "Y" in the FORM A column means a simplified Form A was submitted. An "N" means the full Form R was submitted. Facilities may report using the Form A for a non-PBTchemical if the total annual reportable amount for that chemical does not exceed 500 pounds and the amount manufactured, processed, or otherwise used for that chemical does not exceed 1 million pounds. When filing a Form A, no amounts are reported but by default the appendix lists them as zero.

\*\* TOTAL OTHER OFF-SITE TRANSFERS = ALL OF FORM R SECTION 6.2 OFF-SITE TRANSFERS (DISPOSAL + TREATMENT + ENERGY RECOVERY + RECYCLING)

Page H-22 of H-92

# 2004 Toxics Release Inventory

Appendix H

Facility County/Independent City	F O R M A*	On-Site Releases from Section 5 of Form R						On-Site Management from Section 8 of Form R				Off-Site Transfers from Section 6 of Form R	
Facility Name/Address		Fugitive Air (pounds)	Stack Air (pounds)	Total Air (pounds)	Land (pounds)	Water (pounds)	Total On-Site Releases (pounds)	Energy Recovery (pounds)	Recycling (pounds)	Treatment (pounds)	Total On-Site Management (pounds)	POTW (pounds)	Total Other Off-Site Transfers ** (pounds)
Methanol	N	0	54,387	54,387	0	0	54,387	0	0	0	0	0	0
Total for Dan River Inc. - Schoolfield (4 records)		504	137,620	138,124	0	0	138,124	0	0	0	0	5,950	0
<b>DANVILLE (CITY)</b>		<b>THE GOODYEAR TIRE &amp; RUBBER COM PANY</b>						<b>1901 GOODYEAR BOULEVARD,</b>				<b>SIC code: 3011</b>	
Certain Glycol Ethers	N	0	7	7	0	0	7	0	0	0	0	169	450
Cobalt Compounds	N	0	9	9	0	0	9	0	0	0	0	0	3,026
Methyl isobutyl ketone	N	0	25,196	25,196	0	0	25,196	0	0	0	0	0	0
n-Hexane	N	17,312	5,349	22,661	0	0	22,661	0	0	0	0	0	15,780
Zinc Compounds	N	0	359	359	0	371	730	0	0	0	0	1,617	117,862
Total for THE GOODYEAR TIRE & R (5 records)		17,312	30,920	48,232	0	371	48,603	0	0	0	0	1,786	137,118
<b>Total for Above County (9 records)</b>		<b>17,816</b>	<b>168,540</b>	<b>186,356</b>	<b>0</b>	<b>371</b>	<b>186,727</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>7,736</b>	<b>137,118</b>
<b>DINWIDDIE</b>		<b>CHAPARRAL (VA) INC.</b>						<b>25801 HOFHEIMER WAY,</b>				<b>SIC code: 3312</b>	
Chromium Compounds	N	70	18	88	0	21	109	0	0	0	0	0	29,000
Manganese Compounds	N	1,300	84	1,384	0	0	1,384	0	0	0	0	0	409,005
Nickel Compounds	N	8	56	64	0	0	64	0	0	0	0	0	2,613
Zinc Compounds	N	5,200	2,600	7,800	0	58	7,858	0	0	0	0	10	5,174,059
Total for CHAPARRAL (VA) INC. (4 records)		6,578	2,758	9,336	0	79	9,415	0	0	0	0	10	5,614,677
<b>DINWIDDIE</b>		<b>MANCHESTER TANK &amp; EQUIPMENT</b>						<b>23209 AIRPARK DRIVE,</b>				<b>SIC code: 3443</b>	
Manganese	N	337	0	337	0	3	340	0	0	0	0	0	13,086
Total for MANCHESTER TANK & EQ (1 record)		337	0	337	0	3	340	0	0	0	0	0	13,086
<b>DINWIDDIE</b>		<b>PHILIP MORRIS PRODUCTS INC. - EXPORT PROCESSING FACILITY</b>						<b>20520 UNICO ROAD,</b>				<b>SIC code: 2141</b>	
Nicotine and salts	N	5	10,500	10,505	0	0	10,505	0	0	5	5	5	0
Total for PHILIP MORRIS PRODUCT (1 record)		5	10,500	10,505	0	0	10,505	0	0	5	5	5	0
<b>Total for Above County (6 records)</b>		<b>6,920</b>	<b>13,258</b>	<b>20,178</b>	<b>0</b>	<b>82</b>	<b>20,260</b>	<b>0</b>	<b>0</b>	<b>5</b>	<b>5</b>	<b>15</b>	<b>5,627,763</b>
<b>FAIRFAX (CITY)</b>		<b>BP PRODUCTS NORTH AMERICA INC. FAIRFAX TERMINAL</b>						<b>9601 COLONIAL AVE.,</b>				<b>SIC code: 5171</b>	
1,2,4-Trimethylbenzene	N	22	5	27	0	0	27	0	147	49	196	0	0
Benzene	N	50	86	136	0	0	136	0	50	910	960	0	0

\* A "Y" in the FORM A column means a simplified Form A was submitted. An "N" means the full Form R was submitted. Facilities may report using the Form A for a non-PBTchemical if the total annual reportable amount for that chemical does not exceed 500 pounds and the amount manufactured, processed, or otherwise used for that chemical does not exceed 1 million pounds. When filing a Form A, no amounts are reported but by default the appendix lists them as zero.

\*\* TOTAL OTHER OFF-SITE TRANSFERS = ALL OF FORM R SECTION 6.2 OFF-SITE TRANSFERS (DISPOSAL + TREATMENT + ENERGY RECOVERY + RECYCLING)



# 2004 Toxics Release Inventory

Appendix H

Facility County/Independent City	FORM A*	On-Site Releases from Section 5 of Form R						On-Site Management from Section 8 of Form R				Off-Site Transfers from Section 6 of Form R	
		Fugitive Air (pounds)	Stack Air (pounds)	Total Air (pounds)	Land (pounds)	Water (pounds)	Total On-Site Releases (pounds)	Energy Recovery (pounds)	Recycling (pounds)	Treatment (pounds)	Total On-Site Management (pounds)	POTW (pounds)	Total Other Off-Site Transfers ** (pounds)
Ethylbenzene	N	13	27	40	0	0	40	0	63	74	137	0	0
Methyl tert-butyl ether	N	1,274	2,638	3,912	0	22	3,934	0	960	24,925	25,885	0	0
Naphthalene	N	4	3	7	0	1	8	0	41	1	42	0	0
n-Hexane	N	149	269	418	0	0	418	0	236	3,137	3,373	0	0
Toluene	N	76	102	178	0	0	178	0	212	992	1,204	0	0
Xylene (mixed isomers)	N	84	97	181	0	0	181	0	371	553	924	0	0
Total for BP PRODUCTS NORTH AM (8 records)		<b>1,672</b>	<b>3,227</b>	<b>4,899</b>	<b>0</b>	<b>23</b>	<b>4,922</b>	<b>0</b>	<b>2,080</b>	<b>30,641</b>	<b>32,721</b>	<b>0</b>	<b>0</b>
<b>FAIRFAX (CITY)</b>		<b>FAIRFAX TERMINAL</b>						<b>3800 PICKETT ROAD,</b>				<b>SIC code: 5171</b>	
1,2,4-Trimethylbenzene	N	34	22	56	0	0	56	0	0	2	2	0	4
Benzene	N	102	206	308	0	0	308	0	0	34	34	0	0
Ethylbenzene	N	23	38	61	0	0	61	0	0	0	0	0	1
Methyl tert-butyl ether	N	1,922	4,126	6,048	0	1	6,049	0	0	222	222	0	10
Naphthalene	N	4	1	5	0	0	5	0	0	4	4	0	0
n-Hexane	N	172	399	571	0	0	571	0	0	0	0	0	1
Toluene	N	198	371	569	0	0	569	0	0	0	0	0	1
Xylene (mixed isomers)	N	130	163	293	0	0	293	0	0	16	16	0	3
Total for FAIRFAX TERMINAL (8 records)		<b>2,585</b>	<b>5,326</b>	<b>7,911</b>	<b>0</b>	<b>1</b>	<b>7,912</b>	<b>0</b>	<b>0</b>	<b>278</b>	<b>278</b>	<b>0</b>	<b>20</b>
<b>Total for Above County (16 records)</b>		<b>4,257</b>	<b>8,553</b>	<b>12,810</b>	<b>0</b>	<b>24</b>	<b>12,834</b>	<b>0</b>	<b>2,080</b>	<b>30,919</b>	<b>32,999</b>	<b>0</b>	<b>20</b>
<b>FAIRFAX (COUNTY)</b>		<b>QUARLES PETROLEUM, INC., NEWINGTON TERMINAL</b>						<b>8219 TERMINAL ROAD,</b>				<b>SIC code: 5171</b>	
1,2,4-Trimethylbenzene	Y	0	0	0	0	0	0	0	0	0	0	0	0
Total for QUARLES PETROLEUM, IN (1 record)		<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>FAIRFAX (COUNTY)</b>		<b>SHENANDOAH'S PRIDE</b>						<b>5325 PORT ROYAL ROAD,</b>				<b>SIC code: 2026</b>	
Nitric acid	N	0	0	0	0	0	0	0	0	17,929	17,929	0	0
Total for SHENANDOAH'S PRIDE (1 record)		<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>17,929</b>	<b>17,929</b>	<b>0</b>	<b>0</b>
<b>FAIRFAX (COUNTY)</b>		<b>SICPA SECURINK CORPORATION</b>						<b>8000 RESEARCH WAY,</b>				<b>SIC code: 2893</b>	
Certain Glycol Ethers	N	255	0	255	0	0	255	0	100	0	100	0	3,010

\* A "Y" in the FORM A column means a simplified Form A was submitted. An "N" means the full Form R was submitted. Facilities may report using the Form A for a non-PBTchemical if the total annual reportable amount for that chemical does not exceed 500 pounds and the amount manufactured, processed, or otherwise used for that chemical does not exceed 1 million pounds. When filing a Form A, no amounts are reported but by default the appendix lists them as zero.

\*\* TOTAL OTHER OFF-SITE TRANSFERS = ALL OF FORM R SECTION 6.2 OFF-SITE TRANSFERS (DISPOSAL + TREATMENT + ENERGY RECOVERY + RECYCLING)

# 2004 Toxics Release Inventory

Appendix H

Facility County/Independent City	F O R M A*	On-Site Releases from Section 5 of Form R						On-Site Management from Section 8 of Form R				Off-Site Transfers from Section 6 of Form R	
Facility Name/Address		Fugitive Air (pounds)	Stack Air (pounds)	Total Air (pounds)	Land (pounds)	Water (pounds)	Total On-Site Releases (pounds)	Energy Recovery (pounds)	Recycling (pounds)	Treatment (pounds)	Total On-Site Management (pounds)	POTW (pounds)	Total Other Off-Site Transfers ** (pounds)
Chemical Name													
Manganese Compounds	Y	0	0	0	0	0	0	0	0	0	0	0	0
Phthalic anhydride	Y	0	0	0	0	0	0	0	0	0	0	0	0
Toluene diisocyanate	Y	0	0	0	0	0	0	0	0	0	0	0	0
Total for SICPA SECURINK CORPO (4 records)		255	0	255	0	0	255	0	100	0	100	0	3,010
<b>FAIRFAX (COUNTY)</b>		<b>SOUTHERN IRON WORKS, INC.</b>						<b>6600 ELECTRONIC DR.,</b>				<b>SIC code: 3441</b>	
Manganese	Y	0	0	0	0	0	0	0	0	0	0	0	0
Total for Southern Iron Works, Inc. (1 record)		0	0	0	0	0	0	0	0	0	0	0	0
<b>FAIRFAX (COUNTY)</b>		<b>SPRINGFIELD TERMINAL</b>						<b>8206 TERMINAL ROAD,</b>				<b>SIC code: 5171</b>	
1,2,4-Trimethylbenzene	N	55	24	79	0	0	79	0	0	0	0	0	4
Benzene	N	101	346	447	0	0	447	0	0	0	0	0	0
Ethylbenzene	N	33	52	85	0	0	85	0	0	0	0	0	0
Methyl tert-butyl ether	N	2,027	9,309	11,336	0	0	11,336	0	0	0	0	0	0
Naphthalene	N	7	1	8	0	0	8	0	0	0	0	0	0
n-Hexane	N	164	639	803	0	0	803	0	0	0	0	0	2
Toluene	N	237	546	783	0	0	783	0	0	0	0	0	0
Xylene (mixed isomers)	N	189	225	414	0	0	414	0	0	0	0	0	0
Total for SPRINGFIELD TERMINAL (8 records)		2,813	11,142	13,955	0	0	13,955	0	0	0	0	0	6
<b>FAIRFAX (COUNTY)</b>		<b>VIRGINIA CONCRETE EDSALL ROAD PLANT</b>						<b>5412 INDUSTRIAL DRIVE,</b>				<b>SIC code: 3273</b>	
Nitrate compounds	N	0	0	0	0	149	149	0	0	0	0	0	0
Total for Virginia Concrete Edsall Roa (1 record)		0	0	0	0	149	149	0	0	0	0	0	0
<b>FAIRFAX (COUNTY)</b>		<b>WORLD WIDE AUTOMOTIVE</b>						<b>4260 ENTRE COURT,</b>				<b>SIC code: 3694</b>	
Copper	N	0	0	0	0	0	0	0	0	0	0	0	16,682
Total for World Wide Automotive (1 record)		0	0	0	0	0	0	0	0	0	0	0	16,682
<b>Total for Above County (17 records)</b>		<b>3,068</b>	<b>11,142</b>	<b>14,210</b>	<b>0</b>	<b>149</b>	<b>14,359</b>	<b>0</b>	<b>100</b>	<b>17,929</b>	<b>18,029</b>	<b>0</b>	<b>19,698</b>
<b>FAUQUIER</b>		<b>FIBERGLASS ENGINEERING CO.</b>						<b>5019 AIRPORT RD,</b>				<b>SIC code: 3089</b>	

\* A "Y" in the FORM A column means a simplified Form A was submitted. An "N" means the full Form R was submitted. Facilities may report using the Form A for a non-PBTchemical if the total annual reportable amount for that chemical does not exceed 500 pounds and the amount manufactured, processed, or otherwise used for that chemical does not exceed 1 million pounds. When filing a Form A, no amounts are reported but by default the appendix lists them as zero.

\*\* TOTAL OTHER OFF-SITE TRANSFERS = ALL OF FORM R SECTION 6.2 OFF-SITE TRANSFERS (DISPOSAL + TREATMENT + ENERGY RECOVERY + RECYCLING)

Page H-25 of H-92

# 2004 Toxics Release Inventory

Appendix H

Facility County/Independent City	F O R M A*	On-Site Releases from Section 5 of Form R						On-Site Management from Section 8 of Form R				Off-Site Transfers from Section 6 of Form R	
Facility Name/Address		Fugitive Air (pounds)	Stack Air (pounds)	Total Air (pounds)	Land (pounds)	Water (pounds)	Total On-Site Releases (pounds)	Energy Recovery (pounds)	Recycling (pounds)	Treatment (pounds)	Total On-Site Management (pounds)	POTW (pounds)	Total Other Off-Site Transfers ** (pounds)
Styrene	N	16,900	0	16,900	0	0	16,900	0	0	0	0	0	0
Total for FIBERGLASS ENGINEERIN (1 record)		<b>16,900</b>	<b>0</b>	<b>16,900</b>	<b>0</b>	<b>0</b>	<b>16,900</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>FAUQUIER</b>		<b>QUARLES PETROLEUM, INC., WARRENTON BULK PLANT</b>						<b>9683 JAMES MADISON HIGHWAY,</b>				<b>SIC code: 5171</b>	
1,2,4-Trimethylbenzene	Y	0	0	0	0	0	0	0	0	0	0	0	0
Methyl tert-butyl ether	Y	0	0	0	0	0	0	0	0	0	0	0	0
n-Hexane	Y	0	0	0	0	0	0	0	0	0	0	0	0
Toluene	Y	0	0	0	0	0	0	0	0	0	0	0	0
Xylene (mixed isomers)	Y	0	0	0	0	0	0	0	0	0	0	0	0
Total for QUARLES PETROLEUM, IN (5 records)		<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Total for Above County (6 records)</b>		<b>16,900</b>	<b>0</b>	<b>16,900</b>	<b>0</b>	<b>0</b>	<b>16,900</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>FLOYD</b>		<b>HOLLINGSWORTH AND VOSE COMPANY</b>						<b>289 PARKVIEW ROAD,</b>				<b>SIC code: 2297</b>	
Acrylic acid	N	5	795	800	0	0	800	0	0	2,340	2,340	2	580
Decabromodiphenyl oxide	N	0	0	0	0	0	0	0	0	6,620	6,620	255	960
Total for HOLLINGSWORTH AND VO (2 records)		<b>5</b>	<b>795</b>	<b>800</b>	<b>0</b>	<b>0</b>	<b>800</b>	<b>0</b>	<b>0</b>	<b>8,960</b>	<b>8,960</b>	<b>257</b>	<b>1,540</b>
<b>Total for Above County (2 records)</b>		<b>5</b>	<b>795</b>	<b>800</b>	<b>0</b>	<b>0</b>	<b>800</b>	<b>0</b>	<b>0</b>	<b>8,960</b>	<b>8,960</b>	<b>257</b>	<b>1,540</b>
<b>FLUVANNA</b>		<b>BREMO POWER STATION</b>						<b>BREMO POWER STATION, 1038 BREMO ROA</b>				<b>SIC code: 4911</b>	
Barium	N	0	0	0	94,000	1,900	95,900	0	0	0	0	0	0
Chromium	N	0	8	8	19,000	27	19,035	0	0	0	0	0	7
Copper	N	0	0	0	22,000	100	22,100	0	0	0	0	0	560
Hydrochloric acid (acid aerosols)	N	0	670,000	670,000	0	0	670,000	0	0	0	0	0	0
Hydrogen fluoride	N	0	84,000	84,000	0	0	84,000	0	0	0	0	0	0
Manganese	N	0	9	9	25,000	70	25,079	0	0	0	0	0	40
Sulfuric acid (acid aerosols)	N	0	130,000	130,000	0	0	130,000	0	0	130,000	130,000	0	0
Vanadium	N	0	0	0	38,000	0	38,000	0	0	0	0	0	0
Zinc Compounds	N	0	0	0	23,000	170	23,170	0	0	0	0	0	110
Total for BREMO POWER STATION (9 records)		<b>0</b>	<b>884,017</b>	<b>884,017</b>	<b>221,000</b>	<b>2,267</b>	<b>1,107,284</b>	<b>0</b>	<b>0</b>	<b>130,000</b>	<b>130,000</b>	<b>0</b>	<b>717</b>

\* A "Y" in the FORM A column means a simplified Form A was submitted. An "N" means the full Form R was submitted. Facilities may report using the Form A for a non-PBT chemical if the total annual reportable amount for that chemical does not exceed 500 pounds and the amount manufactured, processed, or otherwise used for that chemical does not exceed 1 million pounds. When filing a Form A, no amounts are reported but by default the appendix lists them as zero.

\*\* TOTAL OTHER OFF-SITE TRANSFERS = ALL OF FORM R SECTION 6.2 OFF-SITE TRANSFERS (DISPOSAL + TREATMENT + ENERGY RECOVERY + RECYCLING)

Page H-26 of H-92

# 2004 Toxics Release Inventory

Appendix H

Facility County/Independent City		F O R M  A*	On-Site Releases from Section 5 of Form R					On-Site Management from Section 8 of Form R				Off-Site Transfers from Section 6 of Form R		
Facility Name/Address			Fugitive Air	Stack Air	Total Air	Land	Water	Total On-Site Releases	Energy Recovery	Recycling	Treatment	Total On-Site Management	POTW	Total Other Off-Site Transfers **
Chemical Name			(pounds)	(pounds)	(pounds)	(pounds)	(pounds)	(pounds)	(pounds)	(pounds)	(pounds)	(pounds)	(pounds)	(pounds)
Total for Above County (9 records)			0	884,017	884,017	221,000	2,267	1,107,284	0	0	130,000	130,000	0	717
FRANKLIN (CITY)		BLUE RIDGE SOLVENTS AND COATINGS							3800 ORIGINAL HENRY ROAD, P.O.BOX 759				SIC code: 2851	
Methyl ethyl ketone		Y	0	0	0	0	0	0	0	0	0	0	0	0
Toluene		Y	0	0	0	0	0	0	0	0	0	0	0	0
Total for BLUE RIDGE SOLVENTS A (2 records)			0	0	0	0	0	0	0	0	0	0	0	0
Total for Above County (2 records)			0	0	0	0	0	0	0	0	0	0	0	0
FRANKLIN (COUNTY)		FLEETWOOD HOMES OF VIRGINIA, INC.#19-2							0 WEAVER STREET,				SIC code: 2451	
Diisocyanates		Y	0	0	0	0	0	0	0	0	0	0	0	0
Total for FLEETWOOD HOMES OF V (1 record)			0	0	0	0	0	0	0	0	0	0	0	0
FRANKLIN (COUNTY)		MOD-U-KRAF HOMES,LLC							260 WEAVER STREET,				SIC code: 2452	
Diisocyanates		Y	0	0	0	0	0	0	0	0	0	0	0	0
Total for MOD-U-KRAF HOMES,LLC (1 record)			0	0	0	0	0	0	0	0	0	0	0	0
FRANKLIN (COUNTY)		RONILE,INC							701 ORCHARD AVENUE,				SIC code: 2269	
Formic acid		N	4,189	1,225	5,414	0	0	5,414	0	3,149	5,686	8,835	0	0
Total for RONILE,INC (1 record)			4,189	1,225	5,414	0	0	5,414	0	3,149	5,686	8,835	0	0
FRANKLIN (COUNTY)		THE UTTERMOST COMPANY							3325 GRASSY HILL ROAD,				SIC code: 2499	
Diisocyanates		Y	0	0	0	0	0	0	0	0	0	0	0	0
Total for THE UTTERMOST COMPA (1 record)			0	0	0	0	0	0	0	0	0	0	0	0
FRANKLIN (COUNTY)		TSO OF VIRGINIA							1050 NORTH MAIN STREET,				SIC code: 2491	
Copper Compounds		Y	0	0	0	0	0	0	0	0	0	0	0	0
Total for TSO of Virginia (1 record)			0	0	0	0	0	0	0	0	0	0	0	0
Total for Above County (5 records)			4,189	1,225	5,414	0	0	5,414	0	3,149	5,686	8,835	0	0
FREDERICK		FISHER SCIENTIFIC INTERNATIONAL MTN DIAGNOSTICS PLANT							8365 VALLEY PIKE,				SIC code: 2835	
Certain Glycol Ethers		N	0	38	38	0	0	38	0	0	0	0	10	86
Formaldehyde		N	0	12	12	0	0	12	0	0	9	9	0	1,163

\* A "Y" in the FORM A column means a simplified Form A was submitted. An "N" means the full Form R was submitted. Facilities may report using the Form A for a non-PBTchemical if the total annual reportable amount for that chemical does not exceed 500 pounds and the amount manufactured, processed, or otherwise used for that chemical does not exceed 1 million pounds. When filing a Form A, no amounts are reported but by default the appendix lists them as zero.

\*\* TOTAL OTHER OFF-SITE TRANSFERS = ALL OF FORM R SECTION 6.2 OFF-SITE TRANSFERS (DISPOSAL + TREATMENT + ENERGY RECOVERY + RECYCLING)

# 2004 Toxics Release Inventory

Appendix H

Facility County/Independent City	F O R M A*	On-Site Releases from Section 5 of Form R						On-Site Management from Section 8 of Form R				Off-Site Transfers from Section 6 of Form R	
Facility Name/Address		Fugitive Air (pounds)	Stack Air (pounds)	Total Air (pounds)	Land (pounds)	Water (pounds)	Total On-Site Releases (pounds)	Energy Recovery (pounds)	Recycling (pounds)	Treatment (pounds)	Total On-Site Management (pounds)	POTW (pounds)	Total Other Off-Site Transfers ** (pounds)
Methanol	N	0	3,801	3,801	0	0	3,801	0	0	0	0	0	7,251
Total for Fisher Scientific International (3 records)		0	3,851	3,851	0	0	3,851	0	0	9	9	10	8,500
<b>FREDERICK</b>		<b>GE COMPANY WINCHESTER LAMP PLANT</b>						<b>125 APPLE VALLEY ROAD,</b>				<b>SIC code: 3641</b>	
Barium	N	0	0	0	0	0	0	0	0	0	0	0	17,900
Cobalt	N	0	0	0	0	0	0	0	0	0	0	0	34,000
Copper	N	0	0	0	0	0	0	0	0	0	0	37	119,488
Nickel	N	0	0	0	0	0	0	0	0	0	0	0	2,640
Total for GE COMPANY WINCHESTER (4 records)		0	0	0	0	0	0	0	0	0	0	37	174,028
<b>FREDERICK</b>		<b>GREEN BAY PACKAGING INC., WINCHESTER COATED PRODUCTS DIVISION</b>						<b>285 PARK CENTER DRIVE,</b>				<b>SIC code: 2672</b>	
Vinyl acetate	N	255	5,754	6,009	0	0	6,009	0	0	0	0	5	10
Total for GREEN BAY PACKAGING INC. (1 record)		255	5,754	6,009	0	0	6,009	0	0	0	0	5	10
<b>FREDERICK</b>		<b>HP HOOD LLC</b>						<b>160 HOOD WAY,</b>				<b>SIC code: 2026</b>	
Nitrate compounds	N	0	0	0	0	0	0	0	0	0	0	123,890	0
Nitric acid	N	0	0	0	0	0	0	0	0	0	0	0	0
Total for HP Hood LLC (2 records)		0	0	0	0	0	0	0	0	0	0	123,890	0
<b>FREDERICK</b>		<b>PACTIV CORPORATION</b>						<b>172 PACTIV WAY,</b>				<b>SIC code: 3086</b>	
1-Chloro-1,1-difluoroethane	N	90,731	303,555	394,286	0	0	394,286	0	0	0	0	0	0
Chloroethane	N	253,660	162,280	415,940	0	0	415,940	0	0	0	0	0	0
Total for PACTIV CORPORATION (2 records)		344,391	465,835	810,226	0	0	810,226	0	0	0	0	0	0
<b>FREDERICK</b>		<b>POLYONE ENGINEERED FILMS GROUP, WINCHESTER PLANT</b>						<b>1944 VALLEY AVENUE,</b>				<b>SIC code: 3081</b>	
Antimony Compounds	N	10	0	10	0	0	10	0	0	0	0	0	477
Barium Compounds	N	15	0	15	0	0	15	0	0	0	0	0	0
Chromium Compounds	N	3	0	3	0	0	3	0	0	0	0	0	0
Cyclohexane	N	563	457	1,020	0	0	1,020	0	0	10,248	10,248	0	532
Di(2-ethylhexyl) phthalate	N	228	1,027	1,255	0	0	1,255	0	0	0	0	0	0

\* A "Y" in the FORM A column means a simplified Form A was submitted. An "N" means the full Form R was submitted. Facilities may report using the Form A for a non-PBT chemical if the total annual reportable amount for that chemical does not exceed 500 pounds and the amount manufactured, processed, or otherwise used for that chemical does not exceed 1 million pounds. When filing a Form A, no amounts are reported but by default the appendix lists them as zero.

\*\* TOTAL OTHER OFF-SITE TRANSFERS = ALL OF FORM R SECTION 6.2 OFF-SITE TRANSFERS (DISPOSAL + TREATMENT + ENERGY RECOVERY + RECYCLING)

Page H-28 of H-92

# 2004 Toxics Release Inventory

Appendix H

Facility County/Independent City	F O R M A*	On-Site Releases from Section 5 of Form R						On-Site Management from Section 8 of Form R				Off-Site Transfers from Section 6 of Form R	
Facility Name/Address		Fugitive Air (pounds)	Stack Air (pounds)	Total Air (pounds)	Land (pounds)	Water (pounds)	Total On-Site Releases (pounds)	Energy Recovery (pounds)	Recycling (pounds)	Treatment (pounds)	Total On-Site Management (pounds)	POTW (pounds)	Total Other Off-Site Transfers ** (pounds)
Ethylbenzene	N	198	855	1,053	0	0	1,053	0	0	28,207	28,207	0	1,365
Methyl ethyl ketone	N	5,383	22,922	28,305	0	0	28,305	0	66,069	757,391	823,460	0	36,110
Methyl isobutyl ketone	N	7,282	32,469	39,751	0	0	39,751	0	85,217	1,085,897	1,171,114	0	51,495
N,N-Dimethylformamide	N	1,364	7,400	8,764	0	0	8,764	0	2,104	284,040	286,144	0	13,543
N-Methyl-2-pyrrolidone	N	973	17,908	18,881	0	0	18,881	0	0	6,278	6,278	0	9,180
Toluene	N	9,732	37,732	47,464	0	0	47,464	0	19,358	1,222,210	1,241,568	0	58,445
Xylene (mixed isomers)	N	1,790	6,582	8,372	0	0	8,372	0	11,362	228,446	239,808	0	10,970
Zinc Compounds	N	15	0	15	0	0	15	0	0	0	0	0	0
Total for POLYONE ENGINEERED FI (13 records)		<b>27,556</b>	<b>127,352</b>	<b>154,908</b>	<b>0</b>	<b>0</b>	<b>154,908</b>	<b>0</b>	<b>184,110</b>	<b>3,622,717</b>	<b>3,806,827</b>	<b>0</b>	<b>182,117</b>
<b>FREDERICK</b>		<b>QUARLES PETROLEUM, INC., WINCHESTER BULK PLANT</b>						<b>779 SMITHFIELD AVENUE,</b>				<b>SIC code: 5171</b>	
Methyl tert-butyl ether	N	206	615	821	0	0	821	0	0	0	0	0	0
1,2,4-Trimethylbenzene	Y	0	0	0	0	0	0	0	0	0	0	0	0
Benzene	Y	0	0	0	0	0	0	0	0	0	0	0	0
Ethylbenzene	Y	0	0	0	0	0	0	0	0	0	0	0	0
n-Hexane	Y	0	0	0	0	0	0	0	0	0	0	0	0
Toluene	Y	0	0	0	0	0	0	0	0	0	0	0	0
Xylene (mixed isomers)	Y	0	0	0	0	0	0	0	0	0	0	0	0
Total for QUARLES PETROLEUM, IN (7 records)		<b>206</b>	<b>615</b>	<b>821</b>	<b>0</b>	<b>0</b>	<b>821</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>FREDERICK</b>		<b>QUEBECOR WORLD WINCHESTER VIRGINIA</b>						<b>160 CENTURY LANE, STONEWALL INDUSTRI</b>				<b>SIC code: 2752</b>	
Ethylene glycol	N	3,460	255	3,715	0	4,970	8,685	0	0	7,910	7,910	0	0
Nitrate compounds	N	3,620	255	3,875	0	0	3,875	0	0	8,270	8,270	0	0
Total for QUEBECOR WORLD WINC (2 records)		<b>7,080</b>	<b>510</b>	<b>7,590</b>	<b>0</b>	<b>4,970</b>	<b>12,560</b>	<b>0</b>	<b>0</b>	<b>16,180</b>	<b>16,180</b>	<b>0</b>	<b>0</b>
<b>FREDERICK</b>		<b>TRELLEBORG ENGINEERED PRODUCTS, INC.</b>						<b>3470 MARTINSBURG PIKE,</b>				<b>SIC code: 3089</b>	
Diisocyanates	N	0	0	0	0	0	0	0	0	0	0	0	2,421
Styrene	N	74	12,865	12,939	0	0	12,939	0	0	0	0	0	3,679
Toluene	N	255	120,965	121,220	0	0	121,220	0	0	0	0	0	9,062

\* A "Y" in the FORM A column means a simplified Form A was submitted. An "N" means the full Form R was submitted. Facilities may report using the Form A for a non-PBTchemical if the total annual reportable amount for that chemical does not exceed 500 pounds and the amount manufactured, processed, or otherwise used for that chemical does not exceed 1 million pounds. When filing a Form A, no amounts are reported but by default the appendix lists them as zero.

\*\* TOTAL OTHER OFF-SITE TRANSFERS = ALL OF FORM R SECTION 6.2 OFF-SITE TRANSFERS (DISPOSAL + TREATMENT + ENERGY RECOVERY + RECYCLING)

Page H-29 of H-92

# 2004 Toxics Release Inventory

Appendix H

Facility County/Independent City	F O R M A*	On-Site Releases from Section 5 of Form R						On-Site Management from Section 8 of Form R				Off-Site Transfers from Section 6 of Form R	
Facility Name/Address		Fugitive Air (pounds)	Stack Air (pounds)	Total Air (pounds)	Land (pounds)	Water (pounds)	Total On-Site Releases (pounds)	Energy Recovery (pounds)	Recycling (pounds)	Treatment (pounds)	Total On-Site Management (pounds)	POTW (pounds)	Total Other Off-Site Transfers ** (pounds)
Toluene diisocyanate	N	0	6	6	0	0	6	0	0	0	0	0	918
Total for Trelleborg Engineered Produ (4 records)		329	133,835	134,164	0	0	134,164	0	0	0	0	0	16,080
<b>Total for Above County (38 records)</b>		<b>379,817</b>	<b>737,752</b>	<b>1,117,569</b>	<b>0</b>	<b>4,970</b>	<b>1,122,539</b>	<b>0</b>	<b>184,110</b>	<b>3,638,906</b>	<b>3,823,016</b>	<b>123,942</b>	<b>380,735</b>
<b>FREDERICKSBURG (CITY)</b>		<b>INSTEEL WIRE PRODUCTS</b>						<b>1351 BELMAN ROAD,</b>				<b>SIC code: 3315</b>	
Copper Compounds	N	14	0	14	0	0	14	0	0	0	0	14	62,158
Xylene (mixed isomers)	N	12,727	0	12,727	0	0	12,727	0	0	0	0	0	0
Zinc Compounds	N	0	0	0	0	46	46	0	0	0	0	4	4,601
Total for INSTEEL WIRE PRODUCTS (3 records)		12,741	0	12,741	0	46	12,787	0	0	0	0	18	66,759
<b>Total for Above County (3 records)</b>		<b>12,741</b>	<b>0</b>	<b>12,741</b>	<b>0</b>	<b>46</b>	<b>12,787</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>18</b>	<b>66,759</b>
<b>GALAX (CITY)</b>		<b>VAUGHAN - BASSETT FURNITURE COMPANY, INC. (GALAX DIVISIO</b>						<b>300 EAST GRAYSON STREET,</b>				<b>SIC code: 2511</b>	
Methanol	N	2,038	11,547	13,585	0	0	13,585	0	0	0	0	0	0
Methyl ethyl ketone	N	3,287	18,626	21,913	0	0	21,913	0	0	0	0	0	0
Toluene	N	9,207	52,330	61,537	0	0	61,537	0	0	0	0	0	0
Xylene (mixed isomers)	N	1,997	11,319	13,316	0	0	13,316	0	0	0	0	0	0
Total for VAUGHAN - BASSETT FUR (4 records)		16,529	93,822	110,351	0	0	110,351	0	0	0	0	0	0
<b>GALAX (CITY)</b>		<b>WEBB FURNITURE ENTERPRISES INC. - PLANT #1</b>						<b>RAILROAD AVENUE,</b>				<b>SIC code: 2511</b>	
Xylene (mixed isomers)	N	4,900	15,000	19,900	0	0	19,900	0	0	0	0	0	0
Total for WEBB FURNITURE ENTER (1 record)		4,900	15,000	19,900	0	0	19,900	0	0	0	0	0	0
<b>Total for Above County (5 records)</b>		<b>21,429</b>	<b>108,822</b>	<b>130,251</b>	<b>0</b>	<b>0</b>	<b>130,251</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>GILES</b>		<b>CELANESE ACETATE LLC - CELCO PLANT</b>						<b>3520 VIRGINIA AVENUE,</b>				<b>SIC code: 2823</b>	
1,3-Butadiene	N	663	257	920	0	0	920	108,849	0	0	108,849	0	0
Acetamide	N	0	0	0	0	142	142	0	0	141,789	141,789	0	0
Acetonitrile	N	127,819	3,204	131,023	0	114	131,137	23,187	0	114,000	137,187	0	9
Dichloromethane	N	17,505	6	17,511	0	0	17,511	0	0	0	0	0	2,377
Ethylene	N	4,732	1,965	6,697	0	0	6,697	764,170	0	0	764,170	0	0
Methyl ethyl ketone	N	254,826	2,381	257,207	0	19	257,226	19,669	0	19,000	38,669	0	127

\* A "Y" in the FORM A column means a simplified Form A was submitted. An "N" means the full Form R was submitted. Facilities may report using the Form A for a non-PBTchemical if the total annual reportable amount for that chemical does not exceed 500 pounds and the amount manufactured, processed, or otherwise used for that chemical does not exceed 1 million pounds. When filing a Form A, no amounts are reported but by default the appendix lists them as zero.

\*\* TOTAL OTHER OFF-SITE TRANSFERS = ALL OF FORM R SECTION 6.2 OFF-SITE TRANSFERS (DISPOSAL + TREATMENT + ENERGY RECOVERY + RECYCLING)

Page H-30 of H-92

# 2004 Toxics Release Inventory

Appendix H

Facility County/Independent City	F O R M A*	On-Site Releases from Section 5 of Form R						On-Site Management from Section 8 of Form R				Off-Site Transfers from Section 6 of Form R	
Facility Name/Address		Fugitive Air (pounds)	Stack Air (pounds)	Total Air (pounds)	Land (pounds)	Water (pounds)	Total On-Site Releases (pounds)	Energy Recovery (pounds)	Recycling (pounds)	Treatment (pounds)	Total On-Site Management (pounds)	POTW (pounds)	Total Other Off-Site Transfers ** (pounds)
Chemical Name	A*												
n-Hexane	N	109,012	84,595	193,607	0	0	193,607	30,271	0	0	30,271	0	0
Nitrate compounds	N	0	0	0	0	50,780	50,780	0	0	0	0	0	0
Total for CELANESE ACETATE LLC - (8 records)		514,557	92,408	606,965	0	51,055	658,020	946,146	0	274,789	1,220,935	0	2,513
<b>GILES</b>		<b>CHEMICAL LIME COMPANY OF VA, INC. - KIMBALLTON AREA 1</b>						<b>2093 BIG STONY CREEK ROAD,</b>				<b>SIC code: 3274</b>	
Hydrochloric acid (acid aerosols)	N	0	53,334	53,334	0	0	53,334	0	0	0	0	0	0
Vanadium Compounds	N	1	7	8	1,306	0	1,314	0	0	0	0	0	0
Total for Chemical Lime Company of (2 records)		1	53,341	53,342	1,306	0	54,648	0	0	0	0	0	0
<b>GILES</b>		<b>CINERGY SOLUTIONS OF NARROWS, LLC</b>						<b>3520 VIRGINIA AVENUE,</b>				<b>SIC code: 4939</b>	
Barium Compounds	N	2	191	193	10,102	0	10,295	0	0	0	0	0	9,710
Hydrochloric acid (acid aerosols)	N	0	1,380,000	1,380,000	0	0	1,380,000	0	0	0	0	0	0
Hydrogen fluoride	N	0	50,100	50,100	0	0	50,100	0	0	5,570	5,570	0	0
Sulfuric acid (acid aerosols)	N	5	42,900	42,905	0	0	42,905	0	0	137,000	137,000	0	0
Vanadium Compounds	N	1	99	100	3,141	0	3,241	0	0	0	0	0	3,546
Chlorine	Y	0	0	0	0	0	0	0	0	0	0	0	0
Total for CINERGY SOLUTIONS OF (6 records)		8	1,473,290	1,473,298	13,243	0	1,486,541	0	0	142,570	142,570	0	13,256
<b>GILES</b>		<b>GLEN LYN PLANT</b>						<b>RTE. 460,</b>				<b>SIC code: 4911</b>	
Barium Compounds	N	5	400	405	64,205	523	65,133	0	0	0	0	0	91
Hydrochloric acid (acid aerosols)	N	0	560,000	560,000	0	0	560,000	0	0	0	0	0	0
Hydrogen fluoride	N	0	65,000	65,000	0	0	65,000	0	0	7,255	7,255	0	0
Sulfuric acid (acid aerosols)	N	0	57,000	57,000	0	0	57,000	0	0	165,073	165,073	0	0
Vanadium Compounds	N	5	250	255	26,905	0	27,160	0	0	0	0	0	0
Total for GLEN LYN PLANT (5 records)		10	682,650	682,660	91,110	523	774,293	0	0	172,328	172,328	0	91
<b>Total for Above County (21 records)</b>		<b>514,576</b>	<b>2,301,689</b>	<b>2,816,265</b>	<b>105,659</b>	<b>51,578</b>	<b>2,973,502</b>	<b>946,146</b>	<b>0</b>	<b>589,687</b>	<b>1,535,833</b>	<b>0</b>	<b>15,860</b>
<b>GRAYSON</b>		<b>NAUTILUS</b>						<b>709 POWERHOUSE ROAD,</b>				<b>SIC code: 3949</b>	
Propylene	N	1,112	0	1,112	0	0	1,112	0	0	0	0	0	0
Total for Nautilus (1 record)		1,112	0	1,112	0	0	1,112	0	0	0	0	0	0

\* A "Y" in the FORM A column means a simplified Form A was submitted. An "N" means the full Form R was submitted. Facilities may report using the Form A for a non-PBT chemical if the total annual reportable amount for that chemical does not exceed 500 pounds and the amount manufactured, processed, or otherwise used for that chemical does not exceed 1 million pounds. When filing a Form A, no amounts are reported but by default the appendix lists them as zero.

\*\* TOTAL OTHER OFF-SITE TRANSFERS = ALL OF FORM R SECTION 6.2 OFF-SITE TRANSFERS (DISPOSAL + TREATMENT + ENERGY RECOVERY + RECYCLING)

Page H-31 of H-92



# 2004 Toxics Release Inventory

Appendix H

Facility County/Independent City	F O R M A*	On-Site Releases from Section 5 of Form R						On-Site Management from Section 8 of Form R				Off-Site Transfers from Section 6 of Form R	
Facility Name/Address		Fugitive Air (pounds)	Stack Air (pounds)	Total Air (pounds)	Land (pounds)	Water (pounds)	Total On-Site Releases (pounds)	Energy Recovery (pounds)	Recycling (pounds)	Treatment (pounds)	Total On-Site Management (pounds)	POTW (pounds)	Total Other Off-Site Transfers ** (pounds)
<b>Total for Above County (1 record)</b>		<b>1,112</b>	<b>0</b>	<b>1,112</b>	<b>0</b>	<b>0</b>	<b>1,112</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>GREENSVILLE</b>		<b>BOAR'S HEAD PROVISIONS COMPANY, INC.</b>						<b>2230 WYATTS MILL ROAD,</b>				<b>SIC code: 2013</b>	
Ammonia	N	4,250	0	4,250	0	0	4,250	0	0	0	0	0	0
Total for Boar's Head Provisions Com	(1 record)	<b>4,250</b>	<b>0</b>	<b>4,250</b>	<b>0</b>	<b>0</b>	<b>4,250</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>GREENSVILLE</b>		<b>EMPORIA FOUNDRY, INC.</b>						<b>620 REESE ST.,</b>				<b>SIC code: 3321</b>	
Manganese	N	0	41	41	0	0	41	0	0	0	0	0	4,022
Total for Emporia Foundry, Inc.	(1 record)	<b>0</b>	<b>41</b>	<b>41</b>	<b>0</b>	<b>0</b>	<b>41</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>4,022</b>
<b>GREENSVILLE</b>		<b>EMPORIA PLYWOOD</b>						<b>634 DAVIS STREET,</b>				<b>SIC code: 2436</b>	
Formaldehyde	N	900	4,100	5,000	0	0	5,000	0	0	0	0	0	0
Manganese Compounds	N	0	70	70	0	0	70	0	0	0	0	0	3,770
Methanol	N	29,000	11,000	40,000	0	0	40,000	0	0	0	0	0	0
Total for EMPORIA PLYWOOD	(3 records)	<b>29,900</b>	<b>15,170</b>	<b>45,070</b>	<b>0</b>	<b>0</b>	<b>45,070</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3,770</b>
<b>GREENSVILLE</b>		<b>GEORGIA-PACIFIC JARRATT</b>						<b>116 SOUTH ALLEN ROAD,</b>				<b>SIC code: 2493</b>	
Hydrochloric acid (acid aerosols)	N	0	26,572	26,572	0	0	26,572	0	0	0	0	0	0
Total for GEORGIA-PACIFIC JARRA	(1 record)	<b>0</b>	<b>26,572</b>	<b>26,572</b>	<b>0</b>	<b>0</b>	<b>26,572</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>GREENSVILLE</b>		<b>SKIPPERS OSB</b>						<b>234 FOREST ROAD,</b>				<b>SIC code: 2493</b>	
Acetaldehyde	N	0	4,900	4,900	0	0	4,900	0	0	26,000	26,000	0	0
Formaldehyde	N	0	19,000	19,000	0	0	19,000	0	0	64,000	64,000	0	0
Methanol	N	0	130,000	130,000	0	0	130,000	0	0	22,000	22,000	0	0
Total for SKIPPERS OSB	(3 records)	<b>0</b>	<b>153,900</b>	<b>153,900</b>	<b>0</b>	<b>0</b>	<b>153,900</b>	<b>0</b>	<b>0</b>	<b>112,000</b>	<b>112,000</b>	<b>0</b>	<b>0</b>
<b>Total for Above County (9 records)</b>		<b>34,150</b>	<b>195,683</b>	<b>229,833</b>	<b>0</b>	<b>0</b>	<b>229,833</b>	<b>0</b>	<b>0</b>	<b>112,000</b>	<b>112,000</b>	<b>0</b>	<b>7,792</b>
<b>HALIFAX</b>		<b>ABB INC.</b>						<b>2135 PHILPOTT ROAD,</b>				<b>SIC code: 3612</b>	
Chromium Compounds	N	5	0	5	0	5	10	0	0	0	0	5	20,117
Copper	N	0	0	0	0	5	5	0	0	0	0	5	703,465
Copper Compounds	N	5	0	5	0	5	10	0	0	0	0	0	10,059

\* A "Y" in the FORM A column means a simplified Form A was submitted. An "N" means the full Form R was submitted. Facilities may report using the Form A for a non-PBT chemical if the total annual reportable amount for that chemical does not exceed 500 pounds and the amount manufactured, processed, or otherwise used for that chemical does not exceed 1 million pounds. When filing a Form A, no amounts are reported but by default the appendix lists them as zero.

\*\* TOTAL OTHER OFF-SITE TRANSFERS = ALL OF FORM R SECTION 6.2 OFF-SITE TRANSFERS (DISPOSAL + TREATMENT + ENERGY RECOVERY + RECYCLING)

Page H-32 of H-92

# 2004 Toxics Release Inventory

Appendix H

Facility County/Independent City	F O R M A*	On-Site Releases from Section 5 of Form R						On-Site Management from Section 8 of Form R				Off-Site Transfers from Section 6 of Form R	
Facility Name/Address		Fugitive Air (pounds)	Stack Air (pounds)	Total Air (pounds)	Land (pounds)	Water (pounds)	Total On-Site Releases (pounds)	Energy Recovery (pounds)	Recycling (pounds)	Treatment (pounds)	Total On-Site Management (pounds)	POTW (pounds)	Total Other Off-Site Transfers ** (pounds)
Chemical Name													
Manganese Compounds	N	5	0	5	0	0	5	0	0	0	0	0	50,293
Nickel Compounds	N	5	0	5	0	5	10	0	0	0	0	5	12,573
Total for ABB INC.	(5 records)	20	0	20	0	20	40	0	0	0	0	15	796,507
<b>HALIFAX</b>		<b>CLOVER POWER STATION</b>						<b>ROUTE 92,</b>				<b>SIC code: 4911</b>	
Ammonia	N	0	240	240	0	18,000	18,240	0	0	0	0	0	0
Arsenic Compounds	N	0	130	130	52,000	76	52,206	0	0	0	0	0	0
Barium Compounds	N	0	0	0	460,000	1,300	461,300	0	0	0	0	0	0
Chromium Compounds	N	0	250	250	92,102	30	92,382	0	0	0	0	0	0
Cobalt Compounds	N	0	250	250	33,000	56	33,306	0	0	0	0	0	0
Copper Compounds	N	0	0	0	100,000	41	100,041	0	0	0	0	0	0
Hydrochloric acid (acid aerosols)	N	0	9,800	9,800	0	0	9,800	0	0	3,200,000	3,200,000	0	0
Hydrogen fluoride	N	0	5,200	5,200	0	0	5,200	0	0	390,000	390,000	0	0
Manganese Compounds	N	0	300	300	86,000	46,000	132,300	0	0	0	0	0	0
Nickel Compounds	N	0	270	270	80,000	59	80,329	0	0	0	0	0	0
Sulfuric acid (acid aerosols)	N	0	370,000	370,000	0	0	370,000	0	0	760,000	760,000	0	0
Vanadium Compounds	N	0	0	0	180,000	0	180,000	0	0	0	0	0	0
Zinc Compounds	N	0	0	0	110,000	280	110,280	0	0	0	0	0	0
Total for CLOVER POWER STATION	(13 records)	0	386,440	386,440	1,193,102	65,842	1,645,384	0	0	4,350,000	4,350,000	0	0
<b>HALIFAX</b>		<b>HUBER ENGINEERED WOODS LLC</b>						<b>1000 CHANEY LANE, P.O. BOX 38,</b>				<b>SIC code: 2493</b>	
Acetaldehyde	N	648	5,873	6,521	0	0	6,521	0	0	195,767	195,767	0	0
Acrolein	N	576	13,460	14,036	0	0	14,036	0	0	64,095	64,095	0	0
Diisocyanates	N	0	72	72	0	0	72	0	0	147	147	0	0
Formaldehyde	N	1,592	16,334	17,926	0	0	17,926	65	0	816,700	816,765	0	0
Methanol	N	26,776	10,292	37,068	0	0	37,068	0	0	343,067	343,067	0	0
Phenol	N	1,174	13,346	14,521	0	0	14,521	65	0	266,920	266,985	0	0
Total for HUBER ENGINEERED WO	(6 records)	30,766	59,377	90,143	0	0	90,143	130	0	1,686,696	1,686,826	0	0

\* A "Y" in the FORM A column means a simplified Form A was submitted. An "N" means the full Form R was submitted. Facilities may report using the Form A for a non-PBTchemical if the total annual reportable amount for that chemical does not exceed 500 pounds and the amount manufactured, processed, or otherwise used for that chemical does not exceed 1 million pounds. When filing a Form A, no amounts are reported but by default the appendix lists them as zero.

\*\* TOTAL OTHER OFF-SITE TRANSFERS = ALL OF FORM R SECTION 6.2 OFF-SITE TRANSFERS (DISPOSAL + TREATMENT + ENERGY RECOVERY + RECYCLING)

Page H-33 of H-92

# 2004 Toxics Release Inventory

Appendix H

Facility County/Independent City		FORM A*	On-Site Releases from Section 5 of Form R					On-Site Management from Section 8 of Form R				Off-Site Transfers from Section 6 of Form R		
Facility Name/Address			Fugitive Air (pounds)	Stack Air (pounds)	Total Air (pounds)	Land (pounds)	Water (pounds)	Total On-Site Releases (pounds)	Energy Recovery (pounds)	Recycling (pounds)	Treatment (pounds)	Total On-Site Management (pounds)	POTW (pounds)	Total Other Off-Site Transfers ** (pounds)
Chemical Name														
HALIFAX	LASCO BATHWARE INC.								1100 INDUSTRIAL PARK ROAD, HALIFAX IN				SIC code: 3088	
Styrene	N	23,852	214,668	238,520	0	0	238,520	0	0	4,083	4,083	0	3,617	
Total for LASCO BATHWARE INC.	(1 record)	23,852	214,668	238,520	0	0	238,520	0	0	4,083	4,083	0	3,617	
HALIFAX	O'SULLIVAN INDUSTRIES-VIRGINIA , INC.								1075 FULP INDUSTRIAL ROAD,				SIC code: 2521	
Diisocyanates	N	0	0	0	0	0	0	0	0	0	0	0	0	
Total for O'SULLIVAN INDUSTRIES-	(1 record)	0	0	0	0	0	0	0	0	0	0	0	0	
HALIFAX	RTP COMPANY								1150 GRENS FOLLY ROAD,				SIC code: 3087	
Decabromodiphenyl oxide	N	0	0	0	0	0	0	0	0	0	0	0	260	
Total for RTP Company	(1 record)	0	0	0	0	0	0	0	0	0	0	0	260	
HALIFAX	WABASH MAGNETICS LLC								1222 SEYMOUR DRIVE,				SIC code: 3679	
Copper	N	0	0	0	0	0	0	0	0	0	0	0	0	
Total for Wabash Magnetics LLC	(1 record)	0	0	0	0	0	0	0	0	0	0	0	0	
Total for Above County (28 records)		54,638	660,485	715,123	1,193,102	65,862	1,974,087	130	0	6,040,779	6,040,909	15	800,384	
HAMPTON (CITY)	BENNETTE PAINT MFG.								401 INDUSTRY DRIVE,				SIC code: 2851	
Ethylene glycol	N	6	102	108	0	0	108	0	0	0	0	388	0	
Xylene (mixed isomers)	N	650	345	995	0	0	995	0	65	0	65	0	0	
Total for BENNETTE PAINT MFG.	(2 records)	656	447	1,103	0	0	1,103	0	65	0	65	388	0	
HAMPTON (CITY)	CATALINA CYLINDERS-CLIFF IMPACT DIVISION								2400 ALUMINUM AVENUE,				SIC code: 3354	
Copper	N	0	0	0	0	0	0	0	0	0	0	255	0	
Nitrate compounds	N	0	0	0	0	0	0	0	0	0	0	65,000	0	
Nitric acid	N	0	0	0	0	0	0	0	0	50,100	50,100	0	0	
Total for CATALINA CYLINDERS-CLI	(3 records)	0	0	0	0	0	0	0	0	50,100	50,100	65,255	0	
HAMPTON (CITY)	COMMONWEALTH WOOD PRESERVERS INC								5604 CITY LINE ROAD,				SIC code: 2491	
Copper Compounds	N	0	0	0	0	5	5	0	80	0	80	0	750	
Total for COMMONWEALTH WOOD	(1 record)	0	0	0	0	5	5	0	80	0	80	0	750	

\* A "Y" in the FORM A column means a simplified Form A was submitted. An "N" means the full Form R was submitted. Facilities may report using the Form A for a non-PBTchemical if the total annual reportable amount for that chemical does not exceed 500 pounds and the amount manufactured, processed, or otherwise used for that chemical does not exceed 1 million pounds. When filing a Form A , no amounts are reported but by default the appendix lists them as zero.

\*\* TOTAL OTHER OFF-SITE TRANSFERS = ALL OF FORM R SECTION 6.2 OFF-SITE TRANSFERS (DISPOSAL + TREATMENT + ENERGY RECOVERY + RECYCLING)

Page H-34 of H-92

# 2004 Toxics Release Inventory

Appendix H

Facility County/Independent City	F O R M A*	On-Site Releases from Section 5 of Form R						On-Site Management from Section 8 of Form R				Off-Site Transfers from Section 6 of Form R	
Facility Name/Address		Fugitive Air (pounds)	Stack Air (pounds)	Total Air (pounds)	Land (pounds)	Water (pounds)	Total On-Site Releases (pounds)	Energy Recovery (pounds)	Recycling (pounds)	Treatment (pounds)	Total On-Site Management (pounds)	POTW (pounds)	Total Other Off-Site Transfers ** (pounds)
<b>HAMPTON (CITY)</b>		<b>HOWMET CORPORATION</b>						<b>ONE HOWMET DRIVE,</b>				<b>SIC code: 3369</b>	
4,4'-Isopropylidenediphenol	N	14	14	28	0	0	28	0	0	665	665	34	67,105
Aluminum (fume or dust)	N	0	113	113	0	0	113	0	0	0	0	0	0
Chromium	N	0	30	30	0	0	30	0	0	0	0	22	9,538
Cobalt	N	0	33	33	0	0	33	0	0	0	0	17	10,413
Hydrogen fluoride	N	0	1,616	1,616	0	0	1,616	0	0	6,186	6,186	0	71,824
Nickel	N	0	73	73	0	0	73	0	0	0	0	41	44,496
Nitrate compounds	N	0	0	0	0	0	0	0	0	0	0	14,666	23,985
Nitric acid	N	0	318	318	0	0	318	0	0	2,276	2,276	0	21,501
Total for HOWMET CORPORATION (8 records)		<b>14</b>	<b>2,197</b>	<b>2,211</b>	<b>0</b>	<b>0</b>	<b>2,211</b>	<b>0</b>	<b>0</b>	<b>9,127</b>	<b>9,127</b>	<b>14,780</b>	<b>248,862</b>
<b>HAMPTON (CITY)</b>		<b>MAIDA DEVELOPMENT COMPANY</b>						<b>20 LIBBY STREET,</b>				<b>SIC code: 3675</b>	
Antimony Compounds	N	5	5	10	0	0	10	0	0	0	0	1	1,256
Barium Compounds	N	5	25	30	0	0	30	0	0	0	0	1	908
Zinc Compounds	N	5	50	55	0	0	55	0	0	0	0	4	47,600
Total for MAIDA DEVELOPMENT CO (3 records)		<b>15</b>	<b>80</b>	<b>95</b>	<b>0</b>	<b>0</b>	<b>95</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>6</b>	<b>49,764</b>
<b>HAMPTON (CITY)</b>		<b>U.S. DOD USAF LANGLEY AIR FORCE BASE, VIRGINIA</b>						<b>1 CES/CEV 37 SWEENEY BLVD,</b>				<b>SIC code: 9711</b>	
Naphthalene	N	1	23	24	0	0	24	0	0	0	0	0	75
Total for U.S. DOD USAF LANGLEY (1 record)		<b>1</b>	<b>23</b>	<b>24</b>	<b>0</b>	<b>0</b>	<b>24</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>75</b>
<b>Total for Above County (18 records)</b>		<b>686</b>	<b>2,747</b>	<b>3,433</b>	<b>0</b>	<b>5</b>	<b>3,438</b>	<b>0</b>	<b>145</b>	<b>59,227</b>	<b>59,372</b>	<b>80,429</b>	<b>299,451</b>
<b>HANOVER</b>		<b>BEAR ISLAND PAPER COMPANY, L.L.C.</b>						<b>10026 OLD RIDGE ROAD,</b>				<b>SIC code: 2621</b>	
Hydrochloric acid (acid aerosols)	N	0	51,000	51,000	0	0	51,000	0	0	0	0	0	0
Total for Bear Island Paper Company, (1 record)		<b>0</b>	<b>51,000</b>	<b>51,000</b>	<b>0</b>	<b>0</b>	<b>51,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>HANOVER</b>		<b>CHEMTREAT, INC</b>						<b>10040 LICKINGHOLE ROAD,</b>				<b>SIC code: 2899</b>	
Sodium nitrite	N	0	0	0	0	0	0	0	0	0	0	0	1,455
Zinc Compounds	N	0	0	0	0	0	0	0	0	0	0	0	580

\* A "Y" in the FORM A column means a simplified Form A was submitted. An "N" means the full Form R was submitted. Facilities may report using the Form A for a non-PBTchemical if the total annual reportable amount for that chemical does not exceed 500 pounds and the amount manufactured, processed, or otherwise used for that chemical does not exceed 1 million pounds. When filing a Form A, no amounts are reported but by default the appendix lists them as zero.

\*\* TOTAL OTHER OFF-SITE TRANSFERS = ALL OF FORM R SECTION 6.2 OFF-SITE TRANSFERS (DISPOSAL + TREATMENT + ENERGY RECOVERY + RECYCLING)

Page H-35 of H-92

# 2004 Toxics Release Inventory

Appendix H

Facility County/Independent City	F O R M A*	On-Site Releases from Section 5 of Form R						On-Site Management from Section 8 of Form R				Off-Site Transfers from Section 6 of Form R	
		Fugitive Air (pounds)	Stack Air (pounds)	Total Air (pounds)	Land (pounds)	Water (pounds)	Total On-Site Releases (pounds)	Energy Recovery (pounds)	Recycling (pounds)	Treatment (pounds)	Total On-Site Management (pounds)	POTW (pounds)	Total Other Off-Site Transfers ** (pounds)
Nabam	Y	0	0	0	0	0	0	0	0	0	0	0	0
Sodium dimethyldithiocarbamate	Y	0	0	0	0	0	0	0	0	0	0	0	0
Total for ChemTreat, Inc	(4 records)	0	0	0	0	0	0	0	0	0	0	0	2,035
<b>HANOVER</b>		<b>DOSWELL ENERGY CENTER</b>						<b>10098 OLD RIDGE ROAD,</b>				<b>SIC code: 4911</b>	
Ammonia	N	0	113,236	113,236	0	0	113,236	0	0	0	0	0	0
Naphthalene	N	0	42	42	0	0	42	0	0	0	0	0	0
Total for DOSWELL ENERGY CENT	(2 records)	0	113,278	113,278	0	0	113,278	0	0	0	0	0	0
<b>HANOVER</b>		<b>NEAGLE'S FLEXO, INC.</b>						<b>11041 RICHARDSON RD.,</b>				<b>SIC code: 2796</b>	
Nitric acid	N	2	8	10	0	0	10	0	0	91	91	0	0
Total for NEAGLE'S FLEXO, INC.	(1 record)	2	8	10	0	0	10	0	0	91	91	0	0
<b>HANOVER</b>		<b>TYSON FOODS, INC. - PROCESSING FACILITY</b>						<b>13264 MOUNTAIN RD.,</b>				<b>SIC code: 2015</b>	
Ammonia	N	87	0	87	0	141	228	0	0	4,680	4,680	0	26
Total for TYSON FOODS, INC. - PRO	(1 record)	87	0	87	0	141	228	0	0	4,680	4,680	0	26
<b>HANOVER</b>		<b>VIRGINIA GALVANIZING CORP.</b>						<b>11022 LEWISTOWN ROAD,</b>				<b>SIC code: 3479</b>	
Zinc Compounds	N	0	0	0	0	0	0	0	0	0	0	0	288,185
Total for VIRGINIA GALVANIZING C	(1 record)	0	0	0	0	0	0	0	0	0	0	0	288,185
<b>Total for Above County (10 records)</b>		<b>88</b>	<b>164,286</b>	<b>164,374</b>	<b>0</b>	<b>141</b>	<b>164,515</b>	<b>0</b>	<b>0</b>	<b>4,771</b>	<b>4,771</b>	<b>0</b>	<b>290,246</b>
<b>HARRISONBURG (CITY)</b>		<b>BANTA FULFILLMENT SERVICES, INC</b>						<b>1071 WILLOW SPRING ROAD,</b>				<b>SIC code: 7389</b>	
Diisocyanates	Y	0	0	0	0	0	0	0	0	0	0	0	0
Total for BANTA FULFILLMENT SER	(1 record)	0	0	0	0	0	0	0	0	0	0	0	0
<b>HARRISONBURG (CITY)</b>		<b>CARGILL TURKEY PRODUCTION LLC.</b>						<b>ONE KRATZER RD,</b>				<b>SIC code: 2048</b>	
Copper Compounds	Y	0	0	0	0	0	0	0	0	0	0	0	0
Manganese Compounds	Y	0	0	0	0	0	0	0	0	0	0	0	0
Zinc Compounds	Y	0	0	0	0	0	0	0	0	0	0	0	0
Total for CARGILL TURKEY PRODU	(3 records)	0	0	0	0	0	0	0	0	0	0	0	0

\* A "Y" in the FORM A column means a simplified Form A was submitted. An "N" means the full Form R was submitted. Facilities may report using the Form A for a non-PBT chemical if the total annual reportable amount for that chemical does not exceed 500 pounds and the amount manufactured, processed, or otherwise used for that chemical does not exceed 1 million pounds. When filing a Form A, no amounts are reported but by default the appendix lists them as zero.

\*\* TOTAL OTHER OFF-SITE TRANSFERS = ALL OF FORM R SECTION 6.2 OFF-SITE TRANSFERS (DISPOSAL + TREATMENT + ENERGY RECOVERY + RECYCLING)

Page H-36 of H-92

# 2004 Toxics Release Inventory

Appendix H

Facility County/Independent City	F O R M A*	On-Site Releases from Section 5 of Form R						On-Site Management from Section 8 of Form R				Off-Site Transfers from Section 6 of Form R	
Facility Name/Address		Fugitive Air (pounds)	Stack Air (pounds)	Total Air (pounds)	Land (pounds)	Water (pounds)	Total On-Site Releases (pounds)	Energy Recovery (pounds)	Recycling (pounds)	Treatment (pounds)	Total On-Site Management (pounds)	POTW (pounds)	Total Other Off-Site Transfers ** (pounds)
<b>HARRISONBURG (CITY)</b>		<b>GEORGE'S FOODS, LLC FEED MILL</b>						<b>61 KRATZER ROAD,</b>				<b>SIC code: 2048</b>	
Copper Compounds	Y	0	0	0	0	0	0	0	0	0	0	0	0
Manganese Compounds	Y	0	0	0	0	0	0	0	0	0	0	0	0
Zinc Compounds	Y	0	0	0	0	0	0	0	0	0	0	0	0
Total for GEORGE'S FOODS, LLC F	(3 records)	0	0	0	0	0	0	0	0	0	0	0	0
<b>HARRISONBURG (CITY)</b>		<b>GILMER INDUSTRIES</b>						<b>560 STONE SPRINGROAD,</b>				<b>SIC code: 2841</b>	
Ammonia	Y	0	0	0	0	0	0	0	0	0	0	0	0
Certain Glycol Ethers	Y	0	0	0	0	0	0	0	0	0	0	0	0
Diethanolamine	Y	0	0	0	0	0	0	0	0	0	0	0	0
Methanol	Y	0	0	0	0	0	0	0	0	0	0	0	0
n-Hexane	Y	0	0	0	0	0	0	0	0	0	0	0	0
Nitric acid	Y	0	0	0	0	0	0	0	0	0	0	0	0
Sodium nitrite	Y	0	0	0	0	0	0	0	0	0	0	0	0
Total for GILMER INDUSTRIES	(7 records)	0	0	0	0	0	0	0	0	0	0	0	0
<b>HARRISONBURG (CITY)</b>		<b>INTRAPAC HARRISONBURG INC</b>						<b>810 NORTH MAIN ST,</b>				<b>SIC code: 3499</b>	
Certain Glycol Ethers	N	0	7,524	7,524	0	0	7,524	0	0	5,412	5,412	0	1,933
Methyl ethyl ketone	N	0	8,279	8,279	0	0	8,279	0	0	5,955	5,955	0	2,127
Total for INTRAPAC HARRISONBUR	(2 records)	0	15,803	15,803	0	0	15,803	0	0	11,367	11,367	0	4,060
<b>HARRISONBURG (CITY)</b>		<b>PILGRIM'S PRIDE CORPORATION HARRISONBURG FEEDMILL</b>						<b>590 MT.CLINTON PIKE,</b>				<b>SIC code: 2048</b>	
Copper Compounds	Y	0	0	0	0	0	0	0	0	0	0	0	0
Manganese Compounds	Y	0	0	0	0	0	0	0	0	0	0	0	0
Zinc Compounds	Y	0	0	0	0	0	0	0	0	0	0	0	0
Total for PILGRIM'S PRIDE CORPOR	(3 records)	0	0	0	0	0	0	0	0	0	0	0	0
<b>Total for Above County (19 records)</b>		0	15,803	15,803	0	0	15,803	0	0	11,367	11,367	0	4,060
<b>HENRICO</b>		<b>CADMUS SPECIALTY PUBLICATIONS</b>						<b>2901 BYRDHILL ROAD,</b>				<b>SIC code: 2752</b>	

\* A "Y" in the FORM A column means a simplified Form A was submitted. An "N" means the full Form R was submitted. Facilities may report using the Form A for a non-PBTchemical if the total annual reportable amount for that chemical does not exceed 500 pounds and the amount manufactured, processed, or otherwise used for that chemical does not exceed 1 million pounds. When filing a Form A, no amounts are reported but by default the appendix lists them as zero.

\*\* TOTAL OTHER OFF-SITE TRANSFERS = ALL OF FORM R SECTION 6.2 OFF-SITE TRANSFERS (DISPOSAL + TREATMENT + ENERGY RECOVERY + RECYCLING)

# 2004 Toxics Release Inventory

Appendix H

Facility County/Independent City	FORM A*	On-Site Releases from Section 5 of Form R						On-Site Management from Section 8 of Form R				Off-Site Transfers from Section 6 of Form R	
		Fugitive Air (pounds)	Stack Air (pounds)	Total Air (pounds)	Land (pounds)	Water (pounds)	Total On-Site Releases (pounds)	Energy Recovery (pounds)	Recycling (pounds)	Treatment (pounds)	Total On-Site Management (pounds)	POTW (pounds)	Total Other Off-Site Transfers ** (pounds)
Certain Glycol Ethers	N	5,338	142	5,481	0	0	5,481	0	0	7,303	7,303	314	11
Ethylene glycol	N	3,658	133	3,792	0	0	3,792	0	0	6,667	6,667	756	0
Total for Cadmus Specialty Publicatio	(2 records)	<b>8,996</b>	<b>276</b>	<b>9,272</b>	<b>0</b>	<b>0</b>	<b>9,272</b>	<b>0</b>	<b>0</b>	<b>13,970</b>	<b>13,970</b>	<b>1,070</b>	<b>11</b>
<b>HENRICO</b>		<b>ENNIS PAINT, INC. VIRGINIA FACILITY</b>						<b>4400 VAWTER AVENUE,</b>				<b>SIC code: 2821</b>	
Methanol	N	295	0	295	0	0	295	0	0	0	0	0	0
Total for ENNIS PAINT, INC. VIRGINI	(1 record)	<b>295</b>	<b>0</b>	<b>295</b>	<b>0</b>	<b>0</b>	<b>295</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>HENRICO</b>		<b>HASKELL CHEMICAL CO., INC.</b>						<b>6119 STAPLES MILL ROAD,</b>				<b>SIC code: 5169</b>	
Methanol	N	255	255	510	255	0	765	0	0	0	0	0	1,010
Methyl ethyl ketone	N	255	3,855	4,110	255	0	4,365	0	0	0	0	0	8,232
Methyl isobutyl ketone	N	255	5	260	255	0	515	0	0	0	0	0	515
N-Methyl-2-pyrrolidone	N	255	5	260	5	0	265	0	0	0	0	0	265
Toluene	N	255	255	510	255	0	765	0	0	0	0	0	1,260
Xylene (mixed isomers)	N	255	255	510	255	0	765	0	0	0	0	0	1,010
Total for HASKELL CHEMICAL CO., I	(6 records)	<b>1,530</b>	<b>4,630</b>	<b>6,160</b>	<b>1,280</b>	<b>0</b>	<b>7,440</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>12,292</b>
<b>HENRICO</b>		<b>I R INTERNATIONAL, A DIVISION OF STANDEX ENGRAVING LLC.</b>						<b>5901 LEVIS ROAD,</b>				<b>SIC code: 3471</b>	
Copper	N	1	1	2	0	0	2	0	0	0	0	6	2,947
Nitric acid	N	50	5,864	5,914	0	0	5,914	0	0	0	0	0	33,798
Total for I R INTERNATIONAL, A DIV	(2 records)	<b>51</b>	<b>5,865</b>	<b>5,916</b>	<b>0</b>	<b>0</b>	<b>5,916</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>6</b>	<b>36,745</b>
<b>HENRICO</b>		<b>INFINEON TECHNOLOGIES RICHMOND</b>						<b>6000 TECHNOLOGY BOULEVARD,</b>				<b>SIC code: 3674</b>	
Catechol	N	0	480	480	0	0	480	0	0	0	0	31	19,177
Ethylene glycol	N	0	1,892	1,892	0	0	1,892	0	0	0	0	359,441	0
Hydrogen fluoride	N	0	6,323	6,323	0	0	6,323	0	0	83,753	83,753	0	0
Nitrate compounds	N	0	0	0	0	0	0	0	0	0	0	66,443	0
Nitric acid	N	0	683	683	0	0	683	0	0	19,338	19,338	0	0
Total for INFINEON TECHNOLOGIES	(5 records)	<b>0</b>	<b>9,378</b>	<b>9,378</b>	<b>0</b>	<b>0</b>	<b>9,378</b>	<b>0</b>	<b>0</b>	<b>103,091</b>	<b>103,091</b>	<b>425,915</b>	<b>19,177</b>

\* A "Y" in the FORM A column means a simplified Form A was submitted. An "N" means the full Form R was submitted. Facilities may report using the Form A for a non-PBTchemical if the total annual reportable amount for that chemical does not exceed 500 pounds and the amount manufactured, processed, or otherwise used for that chemical does not exceed 1 million pounds. When filing a Form A, no amounts are reported but by default the appendix lists them as zero.

\*\* TOTAL OTHER OFF-SITE TRANSFERS = ALL OF FORM R SECTION 6.2 OFF-SITE TRANSFERS (DISPOSAL + TREATMENT + ENERGY RECOVERY + RECYCLING)

# 2004 Toxics Release Inventory

Appendix H

Facility County/Independent City	F O R M  A*	On-Site Releases from Section 5 of Form R						On-Site Management from Section 8 of Form R				Off-Site Transfers from Section 6 of Form R	
Facility Name/Address		Fugitive Air (pounds)	Stack Air (pounds)	Total Air (pounds)	Land (pounds)	Water (pounds)	Total On-Site Releases (pounds)	Energy Recovery (pounds)	Recycling (pounds)	Treatment (pounds)	Total On-Site Management (pounds)	POTW (pounds)	Total Other Off-Site Transfers ** (pounds)
<b>HENRICO</b>		<b>JOHNS MANVILLE CORPORATION-HAM ILTON PLANT</b>						<b>7400 RANCO ROAD,</b>				<b>SIC code: 2672</b>	
Antimony Compounds	N	0	0	0	0	0	0	0	0	0	0	0	6,008
Decabromodiphenyl oxide	N	0	0	0	0	0	0	0	0	2,003	2,003	0	2,083
Polychlorinated alkanes	N	0	0	0	0	0	0	0	0	0	0	0	128
Total for JOHNS MANVILLE CORPO	(3 records)	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2,003</b>	<b>2,003</b>	<b>0</b>	<b>8,219</b>
<b>HENRICO</b>		<b>KRAFT FOODS GLOBAL, INC.</b>						<b>6002 SOUTH LABURNUM AVE.,</b>				<b>SIC code: 2052</b>	
Ammonia	N	0	102,856	102,856	0	0	102,856	0	0	0	0	0	0
Total for Kraft Foods Global, Inc.	(1 record)	<b>0</b>	<b>102,856</b>	<b>102,856</b>	<b>0</b>	<b>0</b>	<b>102,856</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>HENRICO</b>		<b>QUEBECOR WORLD RICHMOND, INC.</b>						<b>7400 IMPALA DRIVE,</b>				<b>SIC code: 2754</b>	
Copper	N	0	0	0	0	0	0	0	0	0	0	0	49,184
Toluene	N	683,050	440,851	1,123,901	0	0	1,123,901	0	19,206,854	0	19,206,854	0	36,544
Xylene (mixed isomers)	N	4,145	57,317	61,462	0	0	61,462	0	62,022	0	62,022	0	118
Zinc Compounds	N	0	0	0	0	0	0	0	0	0	0	0	303
Total for QUEBECOR WORLD RICH	(4 records)	<b>687,195</b>	<b>498,168</b>	<b>1,185,363</b>	<b>0</b>	<b>0</b>	<b>1,185,363</b>	<b>0</b>	<b>19,268,876</b>	<b>0</b>	<b>19,268,876</b>	<b>0</b>	<b>86,149</b>
<b>HENRICO</b>		<b>SOUTHERN GRAPHIC SYSTEMS, INC.</b>						<b>2891 SPROUSE DRIVE,</b>				<b>SIC code: 2796</b>	
Copper Compounds	N	87	130	217	0	0	217	0	0	0	0	2	44,226
Total for Southern Graphic Systems, I	(1 record)	<b>87</b>	<b>130</b>	<b>217</b>	<b>0</b>	<b>0</b>	<b>217</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>44,226</b>
<b>HENRICO</b>		<b>WELLA MANUFACTURING OF VIRGINIA, INC.</b>						<b>4650 OAKLEY'S LANE,</b>				<b>SIC code: 2844</b>	
Certain Glycol Ethers	N	0	0	0	0	0	0	0	0	0	0	2,419	3,524
Total for WELLA MANUFACTURING	(1 record)	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2,419</b>	<b>3,524</b>
<b>Total for Above County (26 records)</b>		<b>698,154</b>	<b>621,303</b>	<b>1,319,457</b>	<b>1,280</b>	<b>0</b>	<b>1,320,737</b>	<b>0</b>	<b>19,268,876</b>	<b>119,064</b>	<b>19,387,940</b>	<b>429,411</b>	<b>210,343</b>
<b>HENRY</b>		<b>AMERICAN FURNITURE COMPANY, INC.</b>						<b>11 REDD LEVEL PLANT ROAD,</b>				<b>SIC code: 2511</b>	
Toluene	N	1,848	34,205	36,053	0	0	36,053	0	0	0	0	0	10,293
Xylene (mixed isomers)	N	1,350	24,748	26,098	0	0	26,098	0	0	0	0	0	6,862
Total for AMERICAN FURNITURE C	(2 records)	<b>3,198</b>	<b>58,953</b>	<b>62,151</b>	<b>0</b>	<b>0</b>	<b>62,151</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>17,155</b>

\* A "Y" in the FORM A column means a simplified Form A was submitted. An "N" means the full Form R was submitted. Facilities may report using the Form A for a non-PBT chemical if the total annual reportable amount for that chemical does not exceed 500 pounds and the amount manufactured, processed, or otherwise used for that chemical does not exceed 1 million pounds. When filing a Form A, no amounts are reported but by default the appendix lists them as zero.

\*\* TOTAL OTHER OFF-SITE TRANSFERS = ALL OF FORM R SECTION 6.2 OFF-SITE TRANSFERS (DISPOSAL + TREATMENT + ENERGY RECOVERY + RECYCLING)

Page H-39 of H-92



# 2004 Toxics Release Inventory

Appendix H

Facility County/Independent City	F O R M A*	On-Site Releases from Section 5 of Form R						On-Site Management from Section 8 of Form R				Off-Site Transfers from Section 6 of Form R	
Facility Name/Address		Fugitive Air (pounds)	Stack Air (pounds)	Total Air (pounds)	Land (pounds)	Water (pounds)	Total On-Site Releases (pounds)	Energy Recovery (pounds)	Recycling (pounds)	Treatment (pounds)	Total On-Site Management (pounds)	POTW (pounds)	Total Other Off-Site Transfers ** (pounds)
<b>HENRY</b>		<b>BASSETT FURNITURE INDUSTRIES INCORPORATED</b>						<b>PATRIOT CENTRE AT BEAVER CREEK,</b>				<b>SIC code: 2511</b>	
Toluene	N	0	19,973	19,973	0	0	19,973	0	0	0	0	0	3,328
Xylene (mixed isomers)	N	0	12,250	12,250	0	0	12,250	0	0	0	0	0	1,766
Total for BASSETT FURNITURE IND	(2 records)	<b>0</b>	<b>32,223</b>	<b>32,223</b>	<b>0</b>	<b>0</b>	<b>32,223</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>5,094</b>
<b>HENRY</b>		<b>BASSETT SUPERIOR LINES</b>						<b>2611 FAIRYSTONE PARK HWY,</b>				<b>SIC code: 2511</b>	
Ethylbenzene	N	0	12,315	12,315	0	0	12,315	0	0	0	0	0	212
Toluene	N	0	46,263	46,263	0	0	46,263	0	0	0	0	0	934
Xylene (mixed isomers)	N	0	28,894	28,894	0	0	28,894	0	0	0	0	0	548
Total for BASSETT SUPERIOR LINE	(3 records)	<b>0</b>	<b>87,472</b>	<b>87,472</b>	<b>0</b>	<b>0</b>	<b>87,472</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,694</b>
<b>HENRY</b>		<b>CPFILMS INC. - PLANT 1</b>						<b>4210 THE GREAT RD.,</b>				<b>SIC code: 2672</b>	
Toluene	N	750	10,318	11,068	0	0	11,068	0	0	0	0	0	56,856
Total for CPFILMS INC. - PLANT 1	(1 record)	<b>750</b>	<b>10,318</b>	<b>11,068</b>	<b>0</b>	<b>0</b>	<b>11,068</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>56,856</b>
<b>HENRY</b>		<b>CPFILMS INC.-AXTON FACILITY</b>						<b>47 BRENDA DRIVE,</b>				<b>SIC code: 2672</b>	
Ethylene glycol	N	23,672	64,332	88,004	0	0	88,004	0	0	0	0	0	200,680
N-Methyl-2-pyrrolidone	N	75,979	3,418	79,397	0	0	79,397	0	0	0	0	0	397,017
Total for CPFILMS INC.-AXTON FACI	(2 records)	<b>99,651</b>	<b>67,750</b>	<b>167,401</b>	<b>0</b>	<b>0</b>	<b>167,401</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>597,697</b>
<b>HENRY</b>		<b>CPFILMS-PLANTII</b>						<b>4129 THE GREAT ROAD,</b>				<b>SIC code: 2672</b>	
Acrylic acid	N	750	4,210	4,960	0	0	4,960	0	0	0	0	0	14,939
Ethylene glycol	N	204,571	75,657	280,228	0	0	280,228	0	0	406,929	406,929	101,733	198,890
Methyl ethyl ketone	N	750	82,797	83,547	0	0	83,547	0	0	0	0	0	178,536
n-Hexane	N	750	15,578	16,328	0	0	16,328	0	0	0	0	0	14,404
N-Methyl-2-pyrrolidone	N	118,210	5,406	123,616	0	0	123,616	0	0	291,716	291,716	72,929	288,951
Toluene	N	750	102,719	103,469	0	0	103,469	0	0	0	0	0	93,966
Xylene (mixed isomers)	N	255	1,264	1,519	0	0	1,519	0	0	0	0	0	7,202
Total for CPFILMS-PLANTII	(7 records)	<b>326,036</b>	<b>287,631</b>	<b>613,667</b>	<b>0</b>	<b>0</b>	<b>613,667</b>	<b>0</b>	<b>0</b>	<b>698,645</b>	<b>698,645</b>	<b>174,662</b>	<b>796,888</b>

\* A "Y" in the FORM A column means a simplified Form A was submitted. An "N" means the full Form R was submitted. Facilities may report using the Form A for a non-PBTchemical if the total annual reportable amount for that chemical does not exceed 500 pounds and the amount manufactured, processed, or otherwise used for that chemical does not exceed 1 million pounds. When filing a Form A, no amounts are reported but by default the appendix lists them as zero.

\*\* TOTAL OTHER OFF-SITE TRANSFERS = ALL OF FORM R SECTION 6.2 OFF-SITE TRANSFERS (DISPOSAL + TREATMENT + ENERGY RECOVERY + RECYCLING)

Page H-40 of H-92

# 2004 Toxics Release Inventory

Appendix H

Facility County/Independent City	F O R M A*	On-Site Releases from Section 5 of Form R						On-Site Management from Section 8 of Form R				Off-Site Transfers from Section 6 of Form R	
Facility Name/Address		Fugitive Air (pounds)	Stack Air (pounds)	Total Air (pounds)	Land (pounds)	Water (pounds)	Total On-Site Releases (pounds)	Energy Recovery (pounds)	Recycling (pounds)	Treatment (pounds)	Total On-Site Management (pounds)	POTW (pounds)	Total Other Off-Site Transfers ** (pounds)
<b>HENRY</b>		<b>MEHLER ENGINEERED PRODUCTS</b>						<b>175 MEHLER LANE,</b>				<b>SIC code: 2296</b>	
Diisocyanates	N	0	0	0	0	0	0	0	0	0	0	0	432
Toluene	N	468	13	481	0	0	481	1,308,290	0	0	1,308,290	0	8,804
Xylene (mixed isomers)	N	5	1	6	0	0	6	36,320	0	0	36,320	0	124
Total for Mehler Engineered Products (3 records)		<b>473</b>	<b>14</b>	<b>487</b>	<b>0</b>	<b>0</b>	<b>487</b>	<b>1,344,610</b>	<b>0</b>	<b>0</b>	<b>1,344,610</b>	<b>0</b>	<b>9,360</b>
<b>HENRY</b>		<b>NATIONWIDE CUSTOM HOMES, INC.</b>						<b>1100 RIVES ROAD,</b>				<b>SIC code: 2452</b>	
n-Hexane	N	750	0	750	0	0	750	0	0	0	0	0	5
Toluene	N	750	0	750	0	0	750	0	0	0	0	0	0
Total for NATIONWIDE CUSTOM HO (2 records)		<b>1,500</b>	<b>0</b>	<b>1,500</b>	<b>0</b>	<b>0</b>	<b>1,500</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>5</b>
<b>HENRY</b>		<b>RIDGEWAY FURNITURE</b>						<b>1131 MICA ROAD,</b>				<b>SIC code: 2511</b>	
Toluene	N	0	12,808	12,808	0	0	12,808	0	0	0	0	0	0
Total for RIDGEWAY FURNITURE (1 record)		<b>0</b>	<b>12,808</b>	<b>12,808</b>	<b>0</b>	<b>0</b>	<b>12,808</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>HENRY</b>		<b>STANLEY FURNITURE COMPANY</b>						<b>140 HOLLEY DRIVE,</b>				<b>SIC code: 2511</b>	
n-Butyl alcohol	N	22,680	0	22,680	0	0	22,680	0	0	0	0	0	1,638
n-Butyl alcohol	N	113,955	0	113,955	0	0	113,955	0	0	0	0	0	0
Toluene	N	21,842	0	21,842	0	0	21,842	0	0	0	0	0	819
Toluene	N	73,691	0	73,691	0	0	73,691	0	0	0	0	0	5,485
Xylene (mixed isomers)	N	46,197	0	46,197	0	0	46,197	0	0	0	0	0	0
Total for STANLEY FURNITURE CO (5 records)		<b>278,365</b>	<b>0</b>	<b>278,365</b>	<b>0</b>	<b>0</b>	<b>278,365</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>7,942</b>
<b>Total for Above County (28 records)</b>		<b>709,973</b>	<b>557,169</b>	<b>1,267,142</b>	<b>0</b>	<b>0</b>	<b>1,267,142</b>	<b>1,344,610</b>	<b>0</b>	<b>698,645</b>	<b>2,043,255</b>	<b>174,662</b>	<b>1,492,691</b>
<b>HOPEWELL (CITY)</b>		<b>GOLDSCHMIDT CHEMICAL CORPORATION</b>						<b>914 EAST RANDOLPH RD.,</b>				<b>SIC code: 2869</b>	
Acrylic acid	N	0	545	545	0	0	545	0	0	0	0	179	2,000
Allyl alcohol	N	0	33	33	0	0	33	0	0	653	653	0	0
Chloroacetic acid	N	0	160	160	0	0	160	0	0	3,040	3,040	0	0
Ethylene glycol	N	79	0	79	0	0	79	0	0	0	0	40,817	0

\* A "Y" in the FORM A column means a simplified Form A was submitted. An "N" means the full Form R was submitted. Facilities may report using the Form A for a non-PBTchemical if the total annual reportable amount for that chemical does not exceed 500 pounds and the amount manufactured, processed, or otherwise used for that chemical does not exceed 1 million pounds. When filing a Form A, no amounts are reported but by default the appendix lists them as zero.

\*\* TOTAL OTHER OFF-SITE TRANSFERS = ALL OF FORM R SECTION 6.2 OFF-SITE TRANSFERS (DISPOSAL + TREATMENT + ENERGY RECOVERY + RECYCLING)

Page H-41 of H-92

# 2004 Toxics Release Inventory

Appendix H

Facility County/Independent City	F O R M A*	On-Site Releases from Section 5 of Form R						On-Site Management from Section 8 of Form R				Off-Site Transfers from Section 6 of Form R	
Facility Name/Address		Fugitive Air (pounds)	Stack Air (pounds)	Total Air (pounds)	Land (pounds)	Water (pounds)	Total On-Site Releases (pounds)	Energy Recovery (pounds)	Recycling (pounds)	Treatment (pounds)	Total On-Site Management (pounds)	POTW (pounds)	Total Other Off-Site Transfers ** (pounds)
Ethylene oxide	N	0	5	5	0	0	5	0	0	4,660	4,660	0	0
Propylene oxide	N	0	2	2	0	0	2	0	0	2,330	2,330	0	0
Total for Goldschmidt Chemical Corp (6 records)		79	745	824	0	0	824	0	0	10,683	10,683	40,996	2,000
<b>HOPEWELL (CITY)</b>		<b>HONEYWELL INTERNATIONAL INC. - HOPEWELL PLANT</b>						<b>ROUTE 10 &amp; INDUSTRIAL STREET,</b>				<b>SIC code: 2869</b>	
Acetaldehyde	N	2,220	680	2,900	0	0	2,900	0	0	252,430	252,430	0	0
Ammonia	N	4,110	1,888,000	1,892,110	0	50,790	1,942,900	0	0	0	0	102,350	0
Benzene	N	4,490	7,830	12,320	0	690	13,010	0	77,280	3,300	80,580	340	52
Chlorine	N	15,100	40	15,140	0	0	15,140	0	0	131,990	131,990	0	0
Cobalt Compounds	N	5	0	5	0	1,930	1,935	0	10,500	0	10,500	10	0
Copper	N	0	0	0	0	0	0	0	0	0	0	9,520	0
Cyclohexanol	N	5,100	3,750	8,850	0	0	8,850	0	0	0	0	50	19
Dichlorodifluoromethane	N	10	0	10	0	0	10	0	0	0	0	0	0
Ethylbenzene	N	210	1,800	2,010	0	545	2,555	0	1,350	0	1,350	110	0
Hydrochloric acid (acid aerosols)	N	255	175	430	0	0	430	0	721,500	870,800	1,592,300	0	0
Isobutyraldehyde	N	5,840	0	5,840	0	0	5,840	0	0	5,900	5,900	0	0
Methanol	N	60	35	95	0	0	95	1,165,900	0	0	1,165,900	26,740	580
Methyl isobutyl ketone	N	50	0	50	0	0	50	0	0	1,240	1,240	0	0
n-Hexane	N	2,720	120	2,840	0	0	2,840	0	0	551,600	551,600	255	147,755
Nitrate compounds	N	0	3,060	3,060	0	92,610	95,670	0	0	0	0	373,180	0
Nitric acid	N	255	2,510	2,765	0	0	2,765	0	0	443,200	443,200	0	0
Phenol	N	6,810	48,800	55,610	0	990	56,600	612,315	0	0	612,315	20,300	170
Sulfuric acid (acid aerosols)	N	255	29,300	29,555	0	0	29,555	0	1,552,000	0	1,552,000	0	0
Toluene	N	9,310	9,830	19,140	0	575	19,715	0	67,830	0	67,830	150	2,070
Vanadium Compounds	N	0	0	0	0	0	0	0	10,500	0	10,500	2,500	0
Total for HONEYWELL INTERNATIO (20 records)		56,800	1,995,930	2,052,730	0	148,130	2,200,860	1,778,215	2,440,960	2,260,460	6,479,635	535,505	150,646
<b>HOPEWELL (CITY)</b>		<b>HOPEWELL COGENERATION FACILITY</b>						<b>1114 HERCULES ROAD,</b>				<b>SIC code: 4911</b>	

\* A "Y" in the FORM A column means a simplified Form A was submitted. An "N" means the full Form R was submitted. Facilities may report using the Form A for a non-PBT chemical if the total annual reportable amount for that chemical does not exceed 500 pounds and the amount manufactured, processed, or otherwise used for that chemical does not exceed 1 million pounds. When filing a Form A, no amounts are reported but by default the appendix lists them as zero.

\*\* TOTAL OTHER OFF-SITE TRANSFERS = ALL OF FORM R SECTION 6.2 OFF-SITE TRANSFERS (DISPOSAL + TREATMENT + ENERGY RECOVERY + RECYCLING)

Page H-42 of H-92

# 2004 Toxics Release Inventory

Appendix H

Facility County/Independent City	F O R M A*	On-Site Releases from Section 5 of Form R						On-Site Management from Section 8 of Form R				Off-Site Transfers from Section 6 of Form R	
Facility Name/Address		Fugitive Air (pounds)	Stack Air (pounds)	Total Air (pounds)	Land (pounds)	Water (pounds)	Total On-Site Releases (pounds)	Energy Recovery (pounds)	Recycling (pounds)	Treatment (pounds)	Total On-Site Management (pounds)	POTW (pounds)	Total Other Off-Site Transfers ** (pounds)
Chlorodifluoromethane	N	72	0	72	0	0	72	0	0	0	0	0	0
Total for HOPEWELL COGENERATI	(1 record)	72	0	72	0	0	72	0	0	0	0	0	0
<b>HOPEWELL (CITY)</b>		<b>JAMES RIVER COGENERATION COMPA NY, INC</b>						<b>912 EAST RANDOLPH ROAD,</b>				<b>SIC code: 4911</b>	
Hydrochloric acid (acid aerosols)	N	0	472,292	472,292	0	0	472,292	0	0	0	0	0	0
Hydrogen fluoride	N	0	59,037	59,037	0	0	59,037	0	0	0	0	0	0
Sulfuric acid (acid aerosols)	N	0	37,600	37,600	0	0	37,600	0	0	0	0	0	0
Total for JAMES RIVER COGENERA	(3 records)	0	568,929	568,929	0	0	568,929	0	0	0	0	0	0
<b>HOPEWELL (CITY)</b>		<b>SMURFIT-STONE CONTAINER CORPORATION</b>						<b>910 INDUSTRIAL STREET,</b>				<b>SIC code: 2611</b>	
Acetaldehyde	N	5	88,000	88,005	0	0	88,005	108	0	0	108	52,000	0
Ammonia	N	0	81,000	81,000	0	0	81,000	0	0	0	0	20,200	0
Barium Compounds	N	0	1,300	1,300	0	0	1,300	0	0	0	0	350	12,800
Catechol	N	0	0	0	0	0	0	0	0	0	0	450	0
Chlorine	N	5	0	5	0	0	5	0	0	0	0	0	0
Formaldehyde	N	30	16,200	16,230	0	0	16,230	2,100	0	0	2,100	0	0
Hydrochloric acid (acid aerosols)	N	0	83,600	83,600	0	0	83,600	0	0	0	0	0	0
Manganese Compounds	N	0	3,300	3,300	0	0	3,300	0	0	0	0	41,000	50,100
Methanol	N	6	782,000	782,006	0	0	782,006	6,600	0	0	6,600	4,820,000	0
Phenol	N	0	1,900	1,900	0	0	1,900	2,200	0	0	2,200	1,000	0
Sulfuric acid (acid aerosols)	N	0	39,000	39,000	0	0	39,000	0	0	0	0	0	0
Total for Smurfit-Stone Container Cor	(11 records)	46	1,096,300	1,096,346	0	0	1,096,346	11,008	0	0	11,008	4,935,000	62,900
<b>Total for Above County (41 records)</b>		<b>56,997</b>	<b>3,661,904</b>	<b>3,718,901</b>	<b>0</b>	<b>148,130</b>	<b>3,867,031</b>	<b>1,789,223</b>	<b>2,440,960</b>	<b>2,271,143</b>	<b>6,501,326</b>	<b>5,511,501</b>	<b>215,546</b>
<b>ISLE OF WIGHT</b>		<b>ATC PANELS, INC., FRANKLIN PARTICEBOARD PLANT</b>						<b>33320 NORTH LYNN ROAD,</b>				<b>SIC code: 2499</b>	
Formaldehyde	N	5	38,110	38,115	0	5	38,120	140	0	0	140	0	0
Methanol	N	0	64,749	64,749	0	0	64,749	0	0	0	0	0	0
Total for ATC Panels, Inc., Franklin P	(2 records)	5	102,859	102,864	0	5	102,869	140	0	0	140	0	0
<b>ISLE OF WIGHT</b>		<b>GWALTNEY OF SMITHFIELD, LTD- SMITHFIELD, VA</b>						<b>601 NORTH CHURCH STREET,</b>				<b>SIC code: 2011</b>	

\* A "Y" in the FORM A column means a simplified Form A was submitted. An "N" means the full Form R was submitted. Facilities may report using the Form A for a non-PBTchemical if the total annual reportable amount for that chemical does not exceed 500 pounds and the amount manufactured, processed, or otherwise used for that chemical does not exceed 1 million pounds. When filing a Form A, no amounts are reported but by default the appendix lists them as zero.

\*\* TOTAL OTHER OFF-SITE TRANSFERS = ALL OF FORM R SECTION 6.2 OFF-SITE TRANSFERS (DISPOSAL + TREATMENT + ENERGY RECOVERY + RECYCLING)

Page H-43 of H-92

# 2004 Toxics Release Inventory

Appendix H

Facility County/Independent City	F O R M A*	On-Site Releases from Section 5 of Form R						On-Site Management from Section 8 of Form R				Off-Site Transfers from Section 6 of Form R	
Facility Name/Address		Fugitive Air (pounds)	Stack Air (pounds)	Total Air (pounds)	Land (pounds)	Water (pounds)	Total On-Site Releases (pounds)	Energy Recovery (pounds)	Recycling (pounds)	Treatment (pounds)	Total On-Site Management (pounds)	POTW (pounds)	Total Other Off-Site Transfers ** (pounds)
Ammonia	N	12,260	0	12,260	0	0	12,260	0	0	12,260	12,260	1,799	0
Nitrate compounds	N	0	0	0	0	314	314	0	0	2,316,884	2,316,884	59,607	0
Total for Gwaltney of Smithfield, Ltd- (2 records)		12,260	0	12,260	0	314	12,574	0	0	2,329,144	2,329,144	61,406	0
<b>ISLE OF WIGHT</b>		<b>INTERNATIONAL PAPER-FRANKLIN M ILL</b>						<b>34040 UNION CAMP DRIVE,</b>				<b>SIC code: 2621</b>	
Acetaldehyde	N	2,400	87,300	89,700	0	60	89,760	80,700	0	80,700	161,400	0	140
Ammonia	N	200	237,800	238,000	0	34,500	272,500	0	0	0	0	0	0
Barium Compounds	N	0	620	620	0	0	620	0	0	0	0	0	88,300
Catechol	N	0	0	0	0	24	24	0	0	2,000	2,000	0	60
Chlorine	N	0	13,100	13,100	0	0	13,100	0	0	2,100,000	2,100,000	0	0
Chlorine dioxide	N	0	4,000	4,000	0	0	4,000	0	0	21,941,000	21,941,000	0	0
Cresol (mixed isomers)	N	8	25,000	25,008	0	0	25,008	0	0	4,100	4,100	0	35
Formaldehyde	N	50	24,700	24,750	0	210	24,960	0	0	13,400	13,400	0	1,300
Formic acid	N	1	0	1	0	11	12	0	0	980,700	980,700	0	0
Hydrochloric acid (acid aerosols)	N	0	537,000	537,000	0	0	537,000	0	0	0	0	0	0
Manganese Compounds	N	0	760	760	0	12,900	13,660	0	0	0	0	0	415,400
Methanol	N	299,500	1,919,000	2,218,500	0	110	2,218,610	7,061,000	0	6,418,000	13,479,000	0	25,900
Methyl ethyl ketone	N	90	22,700	22,790	0	2	22,792	0	0	11,000	11,000	0	135
Naphthalene	N	2,100	10,300	12,400	0	25	12,425	0	0	7,000	7,000	0	2,200
Nitrate compounds	N	0	0	0	0	237,574	237,574	0	0	0	0	0	37
Ozone	N	0	0	0	0	0	0	0	0	2,350,000	2,350,000	0	0
Phenol	N	10	2,760	2,770	0	0	2,770	0	0	4,500	4,500	0	240
Sulfuric acid (acid aerosols)	N	0	69,000	69,000	0	0	69,000	0	0	0	0	0	0
Vanadium Compounds	N	0	270	270	0	2,200	2,470	0	0	0	0	0	7,900
Zinc Compounds	N	0	640	640	0	1,050	1,690	0	0	0	0	0	42,400
Total for INTERNATIONAL PAPER-F (20 records)		304,359	2,954,950	3,259,309	0	288,666	3,547,975	7,141,700	0	33,912,400	41,054,100	0	584,047
<b>ISLE OF WIGHT</b>		<b>SMITHFIELD PACKING COMPANY-SMITHFIELD DIVISION</b>						<b>501 NORTH CHURCH STREET,</b>				<b>SIC code: 2011</b>	

\* A "Y" in the FORM A column means a simplified Form A was submitted. An "N" means the full Form R was submitted. Facilities may report using the Form A for a non-PBT chemical if the total annual reportable amount for that chemical does not exceed 500 pounds and the amount manufactured, processed, or otherwise used for that chemical does not exceed 1 million pounds. When filing a Form A, no amounts are reported but by default the appendix lists them as zero.

\*\* TOTAL OTHER OFF-SITE TRANSFERS = ALL OF FORM R SECTION 6.2 OFF-SITE TRANSFERS (DISPOSAL + TREATMENT + ENERGY RECOVERY + RECYCLING)

Page H-44 of H-92

# 2004 Toxics Release Inventory

Appendix H

Facility County/Independent City	F O R M A*	On-Site Releases from Section 5 of Form R						On-Site Management from Section 8 of Form R				Off-Site Transfers from Section 6 of Form R	
Facility Name/Address		Fugitive Air (pounds)	Stack Air (pounds)	Total Air (pounds)	Land (pounds)	Water (pounds)	Total On-Site Releases (pounds)	Energy Recovery (pounds)	Recycling (pounds)	Treatment (pounds)	Total On-Site Management (pounds)	POTW (pounds)	Total Other Off-Site Transfers ** (pounds)
Chemical Name													
Ammonia	N	1,311	1,711	3,022	55,032	0	58,054	0	0	3,002	3,002	22,310	0
Chlorine	N	683	0	683	0	0	683	0	0	12,968	12,968	0	0
Total for Smithfield Packing Company (2 records)		<b>1,994</b>	<b>1,711</b>	<b>3,705</b>	<b>55,032</b>	<b>0</b>	<b>58,737</b>	<b>0</b>	<b>0</b>	<b>15,970</b>	<b>15,970</b>	<b>22,310</b>	<b>0</b>
<b>Total for Above County (26 records)</b>		<b>318,618</b>	<b>3,059,520</b>	<b>3,378,138</b>	<b>55,032</b>	<b>288,985</b>	<b>3,722,155</b>	<b>7,141,840</b>	<b>0</b>	<b>36,257,514</b>	<b>43,399,354</b>	<b>83,716</b>	<b>584,047</b>
<b>JAMES CITY</b>		<b>ANHEUSER-BUSCH, INC</b>						<b>7801 POCAHONTAS TRAIL,</b>				<b>SIC code: 2082</b>	
Ammonia	N	21,393	49	21,442	0	0	21,442	0	0	0	0	46	42
Chlorine	N	0	183	183	0	0	183	0	0	0	0	0	0
Naphthalene	Y	0	0	0	0	0	0	0	0	0	0	0	0
Total for ANHEUSER-BUSCH, INC (3 records)		<b>21,393</b>	<b>232</b>	<b>21,625</b>	<b>0</b>	<b>0</b>	<b>21,625</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>46</b>	<b>42</b>
<b>JAMES CITY</b>		<b>BALL METAL BEVERAGE CONTAINER CORP.</b>						<b>JAMES RIVER COMMERCE CENTER, 8935 P</b>				<b>SIC code: 3411</b>	
Certain Glycol Ethers	N	59,000	270,000	329,000	0	0	329,000	0	0	0	0	0	42
Diethanolamine	N	0	0	0	0	0	0	0	0	0	0	12,362	0
Manganese	N	0	0	0	0	0	0	0	0	0	0	726	160
n-Butyl alcohol	N	39,000	200,000	239,000	0	0	239,000	0	0	0	0	0	17
Sulfuric acid (acid aerosols)	Y	0	0	0	0	0	0	0	0	0	0	0	0
Total for BALL METAL BEVERAGE C (5 records)		<b>98,000</b>	<b>470,000</b>	<b>568,000</b>	<b>0</b>	<b>0</b>	<b>568,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>13,088</b>	<b>219</b>
<b>JAMES CITY</b>		<b>OWENS-BROCKWAY GLASS CONTAINER INC. - PLANT #26</b>						<b>150 INDUSTRIAL BLVD.,</b>				<b>SIC code: 3221</b>	
Ammonia	N	220	16,306	16,526	0	0	16,526	0	0	0	0	0	0
Total for OWENS-BROCKWAY GLAS (1 record)		<b>220</b>	<b>16,306</b>	<b>16,526</b>	<b>0</b>	<b>0</b>	<b>16,526</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Total for Above County (9 records)</b>		<b>119,613</b>	<b>486,538</b>	<b>606,151</b>	<b>0</b>	<b>0</b>	<b>606,151</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>13,134</b>	<b>261</b>
<b>KING GEORGE</b>		<b>BIRCHWOOD POWER FACILITY</b>						<b>10900 BIRCHWOOD DRIVE,</b>				<b>SIC code: 4911</b>	
Ammonia	N	264	269	533	0	0	533	0	0	0	0	0	4,505
Barium Compounds	N	0	36	36	0	0	36	0	0	0	0	0	51,139
Chromium Compounds	N	0	87	87	0	0	87	0	0	0	0	0	28,645
Copper Compounds	N	0	64	64	0	0	64	0	0	0	0	0	30,303
Hydrochloric acid (acid aerosols)	N	0	4,265	4,265	0	0	4,265	0	0	2,143,183	2,143,183	0	0

\* A "Y" in the FORM A column means a simplified Form A was submitted. An "N" means the full Form R was submitted. Facilities may report using the Form A for a non-PBT chemical if the total annual reportable amount for that chemical does not exceed 500 pounds and the amount manufactured, processed, or otherwise used for that chemical does not exceed 1 million pounds. When filing a Form A, no amounts are reported but by default the appendix lists them as zero.

\*\* TOTAL OTHER OFF-SITE TRANSFERS = ALL OF FORM R SECTION 6.2 OFF-SITE TRANSFERS (DISPOSAL + TREATMENT + ENERGY RECOVERY + RECYCLING)

Page H-45 of H-92

# 2004 Toxics Release Inventory

Appendix H

Facility County/Independent City	F O R M A*	On-Site Releases from Section 5 of Form R						On-Site Management from Section 8 of Form R				Off-Site Transfers from Section 6 of Form R	
Facility Name/Address		Fugitive Air (pounds)	Stack Air (pounds)	Total Air (pounds)	Land (pounds)	Water (pounds)	Total On-Site Releases (pounds)	Energy Recovery (pounds)	Recycling (pounds)	Treatment (pounds)	Total On-Site Management (pounds)	POTW (pounds)	Total Other Off-Site Transfers ** (pounds)
Chemical Name													
Hydrogen fluoride	N	0	5,822	5,822	0	0	5,822	0	0	77,612	77,612	0	0
Manganese Compounds	N	0	53	53	0	0	53	0	0	0	0	0	28,422
Nickel Compounds	N	0	79	79	0	0	79	0	0	0	0	0	21,840
Sulfuric acid (acid aerosols)	N	0	1,877	1,877	0	0	1,877	0	0	442,079	442,079	0	0
Vanadium Compounds	N	0	76	76	0	0	76	0	0	0	0	0	50,906
Zinc Compounds	N	0	181	181	0	0	181	0	0	0	0	0	24,220
Total for Birchwood Power Facility (11 records)		<b>264</b>	<b>12,809</b>	<b>13,073</b>	<b>0</b>	<b>0</b>	<b>13,073</b>	<b>0</b>	<b>0</b>	<b>2,662,874</b>	<b>2,662,874</b>	<b>0</b>	<b>239,980</b>
<b>Total for Above County (11 records)</b>		<b>264</b>	<b>12,809</b>	<b>13,073</b>	<b>0</b>	<b>0</b>	<b>13,073</b>	<b>0</b>	<b>0</b>	<b>2,662,874</b>	<b>2,662,874</b>	<b>0</b>	<b>239,980</b>
<b>KING WILLIAM</b>		<b>SMURFIT-STONE CONTAINER ENTERPRISES, INC.</b>						<b>19TH AND MAIN STREET,</b>				<b>SIC code: 2611</b>	
Acetaldehyde	N	0	95,000	95,000	0	0	95,000	1,000	0	29,000	30,000	0	0
Ammonia	N	500	127,000	127,500	0	33	127,533	0	0	135,000	135,000	0	0
Barium Compounds	N	0	793	793	0	0	793	0	0	0	0	0	68,000
Catechol	N	0	0	0	0	7	7	0	0	650	650	0	0
Chlorine	N	5	0	5	0	0	5	0	0	66,000	66,000	0	0
Chlorine dioxide	N	5	116,000	116,005	0	0	116,005	0	0	530,000	530,000	0	0
Formaldehyde	N	1	45,000	45,001	0	145	45,146	1,600	0	2,200	3,800	0	0
Formic acid	N	0	0	0	0	3,500	3,500	0	0	0	0	0	0
Hydrochloric acid (acid aerosols)	N	0	93,000	93,000	0	0	93,000	0	0	340,000	340,000	0	0
Manganese Compounds	N	0	7,700	7,700	0	8,300	16,000	0	0	0	0	0	80,000
Methanol	N	48,000	1,300,000	1,348,000	0	0	1,348,000	89,000	0	17,000,000	17,089,000	0	0
Naphthalene	N	20	6,100	6,120	0	4	6,124	0	0	250	250	0	0
Phenol	N	9	20,000	20,009	0	9	20,018	1,500	0	9,200	10,700	0	1
Sulfuric acid (acid aerosols)	N	0	87,000	87,000	0	0	87,000	0	0	0	0	0	0
Vanadium Compounds	N	0	160	160	0	840	1,000	0	0	0	0	0	23,000
Zinc Compounds	N	0	5,400	5,400	0	3,800	9,200	0	0	0	0	0	16,500
Total for SMURFIT-STONE CONTAIN (16 records)		<b>48,540</b>	<b>1,903,153</b>	<b>1,951,693</b>	<b>0</b>	<b>16,638</b>	<b>1,968,331</b>	<b>93,100</b>	<b>0</b>	<b>18,112,300</b>	<b>18,205,400</b>	<b>0</b>	<b>187,501</b>

\* A "Y" in the FORM A column means a simplified Form A was submitted. An "N" means the full Form R was submitted. Facilities may report using the Form A for a non-PBTchemical if the total annual reportable amount for that chemical does not exceed 500 pounds and the amount manufactured, processed, or otherwise used for that chemical does not exceed 1 million pounds. When filing a Form A, no amounts are reported but by default the appendix lists them as zero.

\*\* TOTAL OTHER OFF-SITE TRANSFERS = ALL OF FORM R SECTION 6.2 OFF-SITE TRANSFERS (DISPOSAL + TREATMENT + ENERGY RECOVERY + RECYCLING)

Page H-46 of H-92

# 2004 Toxics Release Inventory

Appendix H

Facility County/Independent City	F O R M A*	On-Site Releases from Section 5 of Form R						On-Site Management from Section 8 of Form R				Off-Site Transfers from Section 6 of Form R	
Facility Name/Address		Fugitive Air (pounds)	Stack Air (pounds)	Total Air (pounds)	Land (pounds)	Water (pounds)	Total On-Site Releases (pounds)	Energy Recovery (pounds)	Recycling (pounds)	Treatment (pounds)	Total On-Site Management (pounds)	POTW (pounds)	Total Other Off-Site Transfers ** (pounds)
<b>Total for Above County (16 records)</b>		<b>48,540</b>	<b>1,903,153</b>	<b>1,951,693</b>	<b>0</b>	<b>16,638</b>	<b>1,968,331</b>	<b>93,100</b>	<b>0</b>	<b>18,112,300</b>	<b>18,205,400</b>	<b>0</b>	<b>187,501</b>
<b>LOUDOUN</b>		<b>AIR BP WASHINGTON DULLES AIRPORT</b>						<b>45061 COMPASS CT,</b>				<b>SIC code: 5171</b>	
Ethylbenzene	N	750	0	750	0	0	750	0	0	0	0	0	3,176
Methyl tert-butyl ether	N	255	0	255	0	0	255	0	0	0	0	0	0
Naphthalene	N	255	0	255	0	0	255	0	0	0	0	0	3,176
Total for Air BP Washington Dulles Ai (3 records)		<b>1,260</b>	<b>0</b>	<b>1,260</b>	<b>0</b>	<b>0</b>	<b>1,260</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>6,352</b>
<b>LOUDOUN</b>		<b>BARBER AND ROSS COMPANY</b>						<b>110 CATOCTIN CIRCLE SOUTHEAST,</b>				<b>SIC code: 2431</b>	
Diisocyanates	Y	0	0	0	0	0	0	0	0	0	0	0	0
Total for BARBER AND ROSS COMP (1 record)		<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>LOUDOUN</b>		<b>DYNAMIC DETAILS INCORPORATED, VIRGINIA</b>						<b>1200 SEVERN WAY,</b>				<b>SIC code: 3672</b>	
Ammonia	N	300	347	647	0	0	647	0	0	0	0	3,905	10,956
Copper Compounds	N	0	0	0	0	0	0	0	0	0	0	264	218,771
Nitrate compounds	N	0	0	0	0	0	0	0	0	0	0	45,439	0
Sulfuric acid (acid aerosols)	N	5	10	15	0	0	15	0	0	284,987	284,987	0	0
Formaldehyde	Y	0	0	0	0	0	0	0	0	0	0	0	0
Nitric acid	Y	0	0	0	0	0	0	0	0	0	0	0	0
Total for DYNAMIC DETAILS INCOR (6 records)		<b>305</b>	<b>357</b>	<b>662</b>	<b>0</b>	<b>0</b>	<b>662</b>	<b>0</b>	<b>0</b>	<b>284,987</b>	<b>284,987</b>	<b>49,608</b>	<b>229,727</b>
<b>LOUDOUN</b>		<b>VALLEY DISCOUNT FUEL CO.</b>						<b>103 HIRST RD,</b>				<b>SIC code: 5171</b>	
1,2,4-Trimethylbenzene	Y	0	0	0	0	0	0	0	0	0	0	0	0
Naphthalene	Y	0	0	0	0	0	0	0	0	0	0	0	0
Toluene	Y	0	0	0	0	0	0	0	0	0	0	0	0
Xylene (mixed isomers)	Y	0	0	0	0	0	0	0	0	0	0	0	0
Total for VALLEY DISCOUNT FUEL (4 records)		<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>LOUDOUN</b>		<b>VIRGINIA CONCRETE DULLES PLANT</b>						<b>44866 OLD OX ROAD,</b>				<b>SIC code: 3273</b>	
Nitrate compounds	N	0	0	0	0	217	217	0	0	0	0	0	0

\* A "Y" in the FORM A column means a simplified Form A was submitted. An "N" means the full Form R was submitted. Facilities may report using the Form A for a non-PBT chemical if the total annual reportable amount for that chemical does not exceed 500 pounds and the amount manufactured, processed, or otherwise used for that chemical does not exceed 1 million pounds. When filing a Form A, no amounts are reported but by default the appendix lists them as zero.

\*\* TOTAL OTHER OFF-SITE TRANSFERS = ALL OF FORM R SECTION 6.2 OFF-SITE TRANSFERS (DISPOSAL + TREATMENT + ENERGY RECOVERY + RECYCLING)



# 2004 Toxics Release Inventory

Appendix H

Facility County/Independent City	F O R M A*	On-Site Releases from Section 5 of Form R						On-Site Management from Section 8 of Form R				Off-Site Transfers from Section 6 of Form R	
Facility Name/Address		Fugitive Air (pounds)	Stack Air (pounds)	Total Air (pounds)	Land (pounds)	Water (pounds)	Total On-Site Releases (pounds)	Energy Recovery (pounds)	Recycling (pounds)	Treatment (pounds)	Total On-Site Management (pounds)	POTW (pounds)	Total Other Off-Site Transfers ** (pounds)
Total for Virginia Concrete Dulles Plan (1 record)		0	0	0	0	217	217	0	0	0	0	0	0
<b>Total for Above County (15 records)</b>		<b>1,565</b>	<b>357</b>	<b>1,922</b>	<b>0</b>	<b>217</b>	<b>2,139</b>	<b>0</b>	<b>0</b>	<b>284,987</b>	<b>284,987</b>	<b>49,608</b>	<b>236,079</b>
<b>LOUISA</b>		<b>GORDONSVILLE POWER STATION</b>						<b>115 RED HILL ROAD,</b>				<b>SIC code: 4911</b>	
Ammonia	N	5	27,000	27,005	0	15	27,020	0	0	0	0	0	0
Total for GORDONSVILLE POWER S (1 record)		5	27,000	27,005	0	15	27,020	0	0	0	0	0	0
<b>LOUISA</b>		<b>VALLEY TIMBER SALES, INC.</b>						<b>10584 JAMES MADISON HIGHWAY,</b>				<b>SIC code: 2491</b>	
Arsenic Compounds	Y	0	0	0	0	0	0	0	0	0	0	0	0
Chromium Compounds	Y	0	0	0	0	0	0	0	0	0	0	0	0
Copper Compounds	Y	0	0	0	0	0	0	0	0	0	0	0	0
Total for VALLEY TIMBER SALES, IN (3 records)		0	0	0	0	0	0	0	0	0	0	0	0
<b>Total for Above County (4 records)</b>		<b>5</b>	<b>27,000</b>	<b>27,005</b>	<b>0</b>	<b>15</b>	<b>27,020</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>LUNENBURG</b>		<b>IMPERIAL PROCESSING CORPORATION</b>						<b>205 WEST MAIN STREET,</b>				<b>SIC code: 2141</b>	
Nicotine and salts	N	0	3,106	3,106	0	0	3,106	0	0	0	0	7,186	2,985
Total for Imperial Processing Corporat (1 record)		0	3,106	3,106	0	0	3,106	0	0	0	0	7,186	2,985
<b>LUNENBURG</b>		<b>VIRGINIA MARBLE MANUFACTURERS INC</b>						<b>CORNER OF BRUNSWICK AND OAK ST,</b>				<b>SIC code: 3088</b>	
Methyl methacrylate	N	0	10,583	10,583	0	0	10,583	0	0	0	0	0	0
Styrene	N	0	109,087	109,087	0	0	109,087	0	0	0	0	0	0
Total for Virginia Marble Manufacturer (2 records)		0	119,670	119,670	0	0	119,670	0	0	0	0	0	0
<b>LUNENBURG</b>		<b>VIRGINIA MARBLE MANUFACTURERS INC.</b>						<b>1201 FIFTH AVENUE</b>				<b>SIC code: 3088</b>	
Methyl methacrylate	N	0	23,019	23,019	0	0	23,019	0	0	0	0	0	0
Styrene	N	0	84,840	84,840	0	0	84,840	0	0	0	0	0	0
Total for Virginia Marble Manufacturer (2 records)		0	107,859	107,859	0	0	107,859	0	0	0	0	0	0
<b>Total for Above County (5 records)</b>		<b>0</b>	<b>230,635</b>	<b>230,635</b>	<b>0</b>	<b>0</b>	<b>230,635</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>7,186</b>	<b>2,985</b>
<b>LYNCHBURG (CITY)</b>		<b>C.R. HUDGINS PLATING, INC.</b>						<b>3600 CANDLERS MOUNTAIN ROAD,</b>				<b>SIC code: 3471</b>	
Zinc Compounds	N	0	59	59	0	4	63	0	0	0	0	41	4,696
Total for C.R. HUDGINS PLATING, IN (1 record)		0	59	59	0	4	63	0	0	0	0	41	4,696

\* A "Y" in the FORM A column means a simplified Form A was submitted. An "N" means the full Form R was submitted. Facilities may report using the Form A for a non-PBT chemical if the total annual reportable amount for that chemical does not exceed 500 pounds and the amount manufactured, processed, or otherwise used for that chemical does not exceed 1 million pounds. When filing a Form A, no amounts are reported but by default the appendix lists them as zero.

\*\* TOTAL OTHER OFF-SITE TRANSFERS = ALL OF FORM R SECTION 6.2 OFF-SITE TRANSFERS (DISPOSAL + TREATMENT + ENERGY RECOVERY + RECYCLING)

# 2004 Toxics Release Inventory

Appendix H

Facility County/Independent City	F O R M  A*	On-Site Releases from Section 5 of Form R						On-Site Management from Section 8 of Form R				Off-Site Transfers from Section 6 of Form R	
Facility Name/Address		Fugitive Air (pounds)	Stack Air (pounds)	Total Air (pounds)	Land (pounds)	Water (pounds)	Total On-Site Releases (pounds)	Energy Recovery (pounds)	Recycling (pounds)	Treatment (pounds)	Total On-Site Management (pounds)	POTW (pounds)	Total Other Off-Site Transfers ** (pounds)
<b>LYNCHBURG (CITY)</b>		<b>DAVIS-FROST, INC.</b>						<b>3420 CANDLER'S MOUNTAIN ROAD,</b>				<b>SIC code: 2851</b>	
Certain Glycol Ethers	N	1,458	0	1,458	0	0	1,458	0	0	0	0	0	0
Ethylbenzene	N	617	0	617	0	0	617	0	0	0	0	0	2,819
Toluene	N	817	0	817	0	0	817	0	0	0	0	0	9,397
Xylene (mixed isomers)	N	2,439	0	2,439	0	0	2,439	0	0	0	0	0	18,794
Zinc Compounds	Y	0	0	0	0	0	0	0	0	0	0	0	0
Total for DAVIS-FROST, INC.	(5 records)	<b>5,331</b>	<b>0</b>	<b>5,331</b>	<b>0</b>	<b>0</b>	<b>5,331</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>31,010</b>
<b>LYNCHBURG (CITY)</b>		<b>DIEBOLD SOUTHEAST MANUFACTURING, INC.</b>						<b>3726 COHEN PLACE,</b>				<b>SIC code: 3499</b>	
Manganese	N	0	0	0	0	0	0	0	0	0	0	0	63,605
Total for Diebold Southeast Manufact	(1 record)	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>63,605</b>
<b>LYNCHBURG (CITY)</b>		<b>FLOWSERVE CORP.-LYNCHBURG, VA OPERS.</b>						<b>5114 WOODALL ROAD,</b>				<b>SIC code: 3494</b>	
Copper	Y	0	0	0	0	0	0	0	0	0	0	0	0
Diisocyanates	Y	0	0	0	0	0	0	0	0	0	0	0	0
Total for FLOWSERVE CORP.-LYNC	(2 records)	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>LYNCHBURG (CITY)</b>		<b>GRIFFIN PIPE PRODUCTS COMPANY</b>						<b>ADAMS STREET - UPPER BASIN,</b>				<b>SIC code: 3321</b>	
Barium Compounds	N	255	5	260	255	0	515	0	0	0	0	0	3,077
Diisocyanates	N	5	0	5	0	0	5	0	0	0	0	0	0
Manganese Compounds	N	2,785	255	3,040	1,843	0	4,883	0	0	0	0	0	67,164
Zinc Compounds	N	37,108	1,346	38,454	0	750	39,204	0	0	0	0	255	1,043,200
Total for Griffin Pipe Products Compa	(4 records)	<b>40,153</b>	<b>1,606</b>	<b>41,759</b>	<b>2,098</b>	<b>750</b>	<b>44,607</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>255</b>	<b>1,113,441</b>
<b>LYNCHBURG (CITY)</b>		<b>NORCRAFT COMPANIES</b>						<b>1 MILLRACE DRIVE,</b>				<b>SIC code: 2434</b>	
1,2,4-Trimethylbenzene	N	0	14,075	14,075	0	0	14,075	0	0	0	0	0	1,235
Methanol	N	0	11,635	11,635	0	0	11,635	0	0	0	0	0	3
Toluene	N	0	37,910	37,910	0	0	37,910	0	0	0	0	0	1
Xylene (mixed isomers)	N	0	45,530	45,530	0	0	45,530	0	0	0	0	0	110

\* A "Y" in the FORM A column means a simplified Form A was submitted. An "N" means the full Form R was submitted. Facilities may report using the Form A for a non-PBTchemical if the total annual reportable amount for that chemical does not exceed 500 pounds and the amount manufactured, processed, or otherwise used for that chemical does not exceed 1 million pounds. When filing a Form A, no amounts are reported but by default the appendix lists them as zero.

\*\* TOTAL OTHER OFF-SITE TRANSFERS = ALL OF FORM R SECTION 6.2 OFF-SITE TRANSFERS (DISPOSAL + TREATMENT + ENERGY RECOVERY + RECYCLING)

Page H-49 of H-92

# 2004 Toxics Release Inventory

Appendix H

Facility County/Independent City		FORM A*	On-Site Releases from Section 5 of Form R					On-Site Management from Section 8 of Form R				Off-Site Transfers from Section 6 of Form R		
Facility Name/Address			Fugitive Air	Stack Air	Total Air	Land	Water	Total On-Site Releases	Energy Recovery	Recycling	Treatment	Total On-Site Management	POTW	Total Other Off-Site Transfers **
Chemical Name			(pounds)	(pounds)	(pounds)	(pounds)	(pounds)	(pounds)	(pounds)	(pounds)	(pounds)	(pounds)	(pounds)	(pounds)
Total for NORCRAFT COMPANIES (4 records)		0	109,150	109,150	0	0	109,150	0	0	0	0	0	0	1,349
LYNCHBURG (CITY) PARKER POWERTRAIN								3700 MAYFLOWER DR.,				SIC code: 3053		
Methyl ethyl ketone N		0	7,973	7,973	0	0	7,973	0	0	0	0	0	3,400	
Total for Parker Powertrain (1 record)		0	7,973	7,973	0	0	7,973	0	0	0	0	0	3,400	
LYNCHBURG (CITY) R. R. DONNELLEY PRINTING COMPA NY								4201 MURRAY PLACE,				SIC code: 2754		
Barium Compounds N		0	0	0	0	0	0	0	0	0	0	36	31	
Copper Compounds N		0	0	0	0	0	0	0	0	0	0	45	199	
Toluene N		0	594,000	594,000	0	0	594,000	0	1,300	0	1,300	103	23,540	
Zinc Compounds N		0	0	0	0	0	0	0	0	0	0	57	104	
Total for R. R. DONNELLEY PRINTIN (4 records)		0	594,000	594,000	0	0	594,000	0	1,300	0	1,300	241	23,874	
LYNCHBURG (CITY) SIEGWERK INC.								4225 MURRAY PLACE,				SIC code: 2893		
Barium Compounds N		0	2	2	0	0	2	0	0	0	0	0	155	
Copper Compounds N		0	1	1	0	0	1	0	0	0	0	0	14	
Toluene N		356	34,785	35,141	0	0	35,141	0	14,000	0	14,000	0	35,591	
Zinc Compounds N		0	1	1	0	0	1	0	0	0	0	0	191	
Total for SIEGWERK INC. (4 records)		356	34,789	35,145	0	0	35,145	0	14,000	0	14,000	0	35,951	
LYNCHBURG (CITY) SLOCUM ADHESIVES CORP.								1409 BUCHANAN STREET,				SIC code: 2891		
Dichloromethane N		430	0	430	0	0	430	0	0	0	0	0	0	
Methyl ethyl ketone N		240	0	240	0	0	240	0	0	0	0	0	0	
n-Hexane N		650	0	650	0	0	650	0	0	0	0	0	0	
Toluene N		100	0	100	0	0	100	0	0	0	0	0	0	
Total for SLOCUM ADHESIVES COR (4 records)		1,420	0	1,420	0	0	1,420	0	0	0	0	0	0	
LYNCHBURG (CITY) WAYTEC ELECTRONICS CORP.								1104 MCONVILLE ROAD,				SIC code: 3672		
Ammonia N		0	6,528	6,528	0	0	6,528	0	0	0	0	79	5,146	
Copper N		0	0	0	0	5	5	0	0	0	0	219	86,613	

\* A "Y" in the FORM A column means a simplified Form A was submitted. An "N" means the full Form R was submitted. Facilities may report using the Form A for a non-PBTchemical if the total annual reportable amount for that chemical does not exceed 500 pounds and the amount manufactured, processed, or otherwise used for that chemical does not exceed 1 million pounds. When filing a Form A, no amounts are reported but by default the appendix lists them as zero.

\*\* TOTAL OTHER OFF-SITE TRANSFERS = ALL OF FORM R SECTION 6.2 OFF-SITE TRANSFERS (DISPOSAL + TREATMENT + ENERGY RECOVERY + RECYCLING)

Page H-50 of H-92

# 2004 Toxics Release Inventory

Appendix H

Facility County/Independent City	F O R M A*	On-Site Releases from Section 5 of Form R						On-Site Management from Section 8 of Form R				Off-Site Transfers from Section 6 of Form R	
Facility Name/Address		Fugitive Air (pounds)	Stack Air (pounds)	Total Air (pounds)	Land (pounds)	Water (pounds)	Total On-Site Releases (pounds)	Energy Recovery (pounds)	Recycling (pounds)	Treatment (pounds)	Total On-Site Management (pounds)	POTW (pounds)	Total Other Off-Site Transfers ** (pounds)
Total for Waytec Electronics Corp. (2 records)		0	6,528	6,528	0	5	6,533	0	0	0	0	298	91,759
<b>Total for Above County (32 records)</b>		<b>47,260</b>	<b>754,105</b>	<b>801,365</b>	<b>2,098</b>	<b>759</b>	<b>804,222</b>	<b>0</b>	<b>15,300</b>	<b>0</b>	<b>15,300</b>	<b>835</b>	<b>1,369,085</b>
<b>MANASSAS (CITY)</b>		<b>GLEN-GERY CORPORATION</b>						<b>9905 GODWIN DRIVE,</b>				<b>SIC code: 3251</b>	
Hydrogen fluoride N		0	27,200	27,200	0	0	27,200	0	0	0	0	0	0
Total for Glen-Gery Corporation (1 record)		0	27,200	27,200	0	0	27,200	0	0	0	0	0	0
<b>Total for Above County (1 record)</b>		<b>0</b>	<b>27,200</b>	<b>27,200</b>	<b>0</b>	<b>0</b>	<b>27,200</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>MECKLENBURG</b>		<b>CARLISLE MOTION CONTROL INDUSTRIES, INC.</b>						<b>1000 CYCLE LANE,</b>				<b>SIC code: 3714</b>	
Ammonia N		0	45,640	45,640	0	0	45,640	0	0	0	0	0	0
Copper N		0	0	0	91,718	0	91,718	0	0	0	0	0	91,718
Formaldehyde N		0	152	152	0	0	152	0	0	0	0	0	0
Phenol N		0	6,085	6,085	0	0	6,085	0	0	0	0	0	0
Total for Carlisle Motion Control Indus (4 records)		0	51,877	51,877	91,718	0	143,595	0	0	0	0	0	91,718
<b>MECKLENBURG</b>		<b>MECKLENBURG POWER STATION</b>						<b>204 COGEN DRIVE,</b>				<b>SIC code: 4911</b>	
Barium Compounds N		5	0	5	0	240	245	0	0	0	0	0	71,000
Hydrochloric acid (acid aerosols) N		5	40,000	40,005	0	0	40,005	0	0	460,000	460,000	0	0
Hydrogen fluoride N		5	5,000	5,005	0	0	5,005	0	0	57,000	57,000	0	0
Sulfuric acid (acid aerosols) N		0	140	140	0	0	140	0	0	230,000	230,000	0	0
Vanadium Compounds N		0	0	0	0	0	0	0	0	0	0	0	28,000
Total for Mecklenburg Power Station (5 records)		15	45,140	45,155	0	240	45,395	0	0	747,000	747,000	0	99,000
<b>Total for Above County (9 records)</b>		<b>15</b>	<b>97,017</b>	<b>97,032</b>	<b>91,718</b>	<b>240</b>	<b>188,990</b>	<b>0</b>	<b>0</b>	<b>747,000</b>	<b>747,000</b>	<b>0</b>	<b>190,718</b>
<b>MIDDLESEX</b>		<b>PITTS LUMBER CO. INC.</b>						<b>14097 TIDEWATER TRAIL,</b>				<b>SIC code: 2491</b>	
Arsenic Compounds Y		0	0	0	0	0	0	0	0	0	0	0	0
Chromium Compounds Y		0	0	0	0	0	0	0	0	0	0	0	0
Copper Compounds Y		0	0	0	0	0	0	0	0	0	0	0	0
Total for PITTS LUMBER CO. INC. (3 records)		0	0	0	0	0	0	0	0	0	0	0	0
<b>Total for Above County (3 records)</b>		<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

\* A "Y" in the FORM A column means a simplified Form A was submitted. An "N" means the full Form R was submitted. Facilities may report using the Form A for a non-PBTchemical if the total annual reportable amount for that chemical does not exceed 500 pounds and the amount manufactured, processed, or otherwise used for that chemical does not exceed 1 million pounds. When filing a Form A, no amounts are reported but by default the appendix lists them as zero.

\*\* TOTAL OTHER OFF-SITE TRANSFERS = ALL OF FORM R SECTION 6.2 OFF-SITE TRANSFERS (DISPOSAL + TREATMENT + ENERGY RECOVERY + RECYCLING)

# 2004 Toxics Release Inventory

Appendix H

Facility County/Independent City	F O R M A*	On-Site Releases from Section 5 of Form R						On-Site Management from Section 8 of Form R				Off-Site Transfers from Section 6 of Form R	
Facility Name/Address		Fugitive Air (pounds)	Stack Air (pounds)	Total Air (pounds)	Land (pounds)	Water (pounds)	Total On-Site Releases (pounds)	Energy Recovery (pounds)	Recycling (pounds)	Treatment (pounds)	Total On-Site Management (pounds)	POTW (pounds)	Total Other Off-Site Transfers ** (pounds)
<b>MONTGOMERY</b>		<b>ALLIANT AMMUNITION &amp; POWDER CO., LLC</b>						<b>RTE 114,</b>				<b>SIC code: 9711</b>	
2,4-Dinitrotoluene	N	0	0	0	0	14	14	0	0	5,440	5,440	0	1,147
Ammonia	N	23,513	119	23,632	0	2,539	26,171	0	0	0	0	0	0
Chlorine	N	0	0	0	0	0	0	0	0	3,413	3,413	0	0
Dibutyl phthalate	N	7	0	7	0	0	7	0	0	4,755	4,755	0	0
Diphenylamine	N	0	0	0	0	0	0	0	0	1,256	1,256	0	0
Hydrochloric acid (acid aerosols)	N	0	145,188	145,188	0	0	145,188	0	0	0	0	0	0
Nitrate compounds	N	0	0	0	0	2,838,903	2,838,903	0	0	12,677	12,677	0	0
Nitric acid	N	832	749	1,581	0	300	1,881	0	40,574,554	2,586,694	43,161,248	0	0
Nitroglycerin	N	0	42,699	42,699	0	0	42,699	0	0	71,072	71,072	0	0
Total for Alliant Ammunition & Powder (9 records)		<b>24,352</b>	<b>188,755</b>	<b>213,107</b>	<b>0</b>	<b>2,841,756</b>	<b>3,054,863</b>	<b>0</b>	<b>40,574,554</b>	<b>2,685,307</b>	<b>43,259,861</b>	<b>0</b>	<b>1,147</b>
<b>MONTGOMERY</b>		<b>FEDERAL-MOGUL CORPORATION</b>						<b>300 INDUSTRIAL PARK ROAD, SE,</b>				<b>SIC code: 3714</b>	
Aluminum (fume or dust)	N	0	1,607	1,607	0	0	1,607	0	0	0	0	0	175,645
Aluminum oxide (fibrous forms)	N	0	0	0	0	0	0	0	0	0	0	0	13,398
Ammonia	N	537	219	756	4,167	0	4,923	0	0	0	0	0	0
Chlorine	N	135	0	135	0	0	135	0	0	11,294	11,294	0	0
Copper Compounds	N	0	285	285	0	0	285	0	0	0	0	27	34,351
Cyanide Compounds	N	0	0	0	0	0	0	0	0	368	368	1	831
Nitrate compounds	N	0	0	0	0	0	0	0	0	0	0	1,581	0
Nitric acid	N	0	1	1	0	0	1	0	0	1,608	1,608	0	1,069
Zinc Compounds	N	0	0	0	0	0	0	0	0	0	0	43	8,700
Total for FEDERAL-MOGUL CORPO (9 records)		<b>672</b>	<b>2,112</b>	<b>2,784</b>	<b>4,167</b>	<b>0</b>	<b>6,951</b>	<b>0</b>	<b>0</b>	<b>13,270</b>	<b>13,270</b>	<b>1,652</b>	<b>233,994</b>
<b>MONTGOMERY</b>		<b>HUBBELL LIGHTING, INC.</b>						<b>2000 ELECTRIC WAY,</b>				<b>SIC code: 3646</b>	
Copper	N	0	0	0	0	0	0	0	0	0	0	0	8,259
Diisocyanates	N	0	0	0	0	0	0	0	0	0	0	0	0
Nitrate compounds	N	0	0	0	0	0	0	0	0	0	0	27,540	0

\* A "Y" in the FORM A column means a simplified Form A was submitted. An "N" means the full Form R was submitted. Facilities may report using the Form A for a non-PBT chemical if the total annual reportable amount for that chemical does not exceed 500 pounds and the amount manufactured, processed, or otherwise used for that chemical does not exceed 1 million pounds. When filing a Form A, no amounts are reported but by default the appendix lists them as zero.

\*\* TOTAL OTHER OFF-SITE TRANSFERS = ALL OF FORM R SECTION 6.2 OFF-SITE TRANSFERS (DISPOSAL + TREATMENT + ENERGY RECOVERY + RECYCLING)

Page H-52 of H-92

# 2004 Toxics Release Inventory

Appendix H

Facility County/Independent City	F O R M A*	On-Site Releases from Section 5 of Form R						On-Site Management from Section 8 of Form R				Off-Site Transfers from Section 6 of Form R	
Facility Name/Address		Fugitive Air (pounds)	Stack Air (pounds)	Total Air (pounds)	Land (pounds)	Water (pounds)	Total On-Site Releases (pounds)	Energy Recovery (pounds)	Recycling (pounds)	Treatment (pounds)	Total On-Site Management (pounds)	POTW (pounds)	Total Other Off-Site Transfers ** (pounds)
Nitric acid	N	0	81	81	0	0	81	0	0	20,414	20,414	0	0
Total for HUBBELL LIGHTING, INC. (4 records)		0	81	81	0	0	81	0	0	20,414	20,414	27,540	8,259
<b>MONTGOMERY</b>								<b>RTE 114,</b>				<b>SIC code: 2892</b>	
Nitrate compounds	N	0	0	0	0	0	0	0	0	488	488	0	0
Nitroglycerin	N	0	12,564	12,564	0	0	12,564	0	0	125,680	125,680	0	0
Total for New River Energetics (2 records)		0	12,564	12,564	0	0	12,564	0	0	126,168	126,168	0	0
<b>MONTGOMERY</b>								<b>5100 ENTERPRISE DR,</b>				<b>SIC code: 2899</b>	
Sodium dimethyldithiocarbamate	N	0	0	0	4	0	4	0	0	0	0	1	0
Total for PROCHEM, INC. (1 record)		0	0	0	4	0	4	0	0	0	0	1	0
<b>MONTGOMERY</b>								<b>2121 GARDNER STREET,</b>				<b>SIC code: 2512</b>	
Methanol	N	5	20,368	20,373	0	0	20,373	0	0	0	0	0	0
Total for Rowe Furniture, Inc. (1 record)		5	20,368	20,373	0	0	20,373	0	0	0	0	0	0
<b>MONTGOMERY</b>								<b>1905 WEST MAIN STREET,</b>				<b>SIC code: 3011</b>	
Zinc Compounds	N	0	1	1	0	0	1	0	0	0	0	9	2,446
Total for THE GOODYEAR TIRE & R (1 record)		0	1	1	0	0	1	0	0	0	0	9	2,446
<b>MONTGOMERY</b>								<b>3175 STATE STREET,</b>				<b>SIC code: 3479</b>	
Methyl isobutyl ketone	N	255	255	510	0	0	510	0	0	65,000	65,000	0	4,000
n-Hexane	N	5	255	260	0	0	260	0	0	19,000	19,000	0	255
Toluene	N	4,900	14,000	18,900	0	0	18,900	40,944	0	600,000	640,944	0	64,800
Toluene	N	5,088	7,300	12,388	0	0	12,388	0	0	2,300,000	2,300,000	0	82,750
Zinc Compounds	N	0	0	0	0	0	0	0	0	0	0	0	1,005
Total for Wolverine Gasket Division (5 records)		10,248	21,810	32,058	0	0	32,058	40,944	0	2,984,000	3,024,944	0	152,810
<b>Total for Above County (32 records)</b>		<b>35,277</b>	<b>245,691</b>	<b>280,968</b>	<b>4,171</b>	<b>2,841,756</b>	<b>3,126,895</b>	<b>40,944</b>	<b>40,574,554</b>	<b>5,829,159</b>	<b>46,444,657</b>	<b>29,202</b>	<b>398,656</b>
<b>NEWPORT NEWS (CITY)</b>								<b>12000 CANON BLVD,</b>				<b>SIC code: 3861</b>	
Chlorobenzene	N	39	457	496	457	0	953	0	96,354	0	96,354	0	33,927

\* A "Y" in the FORM A column means a simplified Form A was submitted. An "N" means the full Form R was submitted. Facilities may report using the Form A for a non-PBT chemical if the total annual reportable amount for that chemical does not exceed 500 pounds and the amount manufactured, processed, or otherwise used for that chemical does not exceed 1 million pounds. When filing a Form A, no amounts are reported but by default the appendix lists them as zero.

\*\* TOTAL OTHER OFF-SITE TRANSFERS = ALL OF FORM R SECTION 6.2 OFF-SITE TRANSFERS (DISPOSAL + TREATMENT + ENERGY RECOVERY + RECYCLING)

Page H-53 of H-92

# 2004 Toxics Release Inventory

Appendix H

Facility County/Independent City	F O R M A*	On-Site Releases from Section 5 of Form R						On-Site Management from Section 8 of Form R				Off-Site Transfers from Section 6 of Form R	
Facility Name/Address		Fugitive Air (pounds)	Stack Air (pounds)	Total Air (pounds)	Land (pounds)	Water (pounds)	Total On-Site Releases (pounds)	Energy Recovery (pounds)	Recycling (pounds)	Treatment (pounds)	Total On-Site Management (pounds)	POTW (pounds)	Total Other Off-Site Transfers ** (pounds)
Chemical Name													
Methanol	N	94	374	468	0	0	468	0	20,510	0	20,510	0	13,050
Methyl ethyl ketone	N	79	393	472	0	0	472	0	15,298	0	15,298	0	12,881
Total for CANON VIRGINIA INC	(3 records)	212	1,224	1,436	457	0	1,893	0	132,162	0	132,162	0	59,858
<b>NEWPORT NEWS (CITY)</b>	<b>KINYO VIRGINIA,INC</b>							<b>290 ENTERPRISE DR.,</b>				<b>SIC code: 3069</b>	
Toluene	N	11,200	77,400	88,600	0	0	88,600	0	1,969,978	0	1,969,978	0	77,300
Total for KINYO VIRGINIA,INC	(1 record)	11,200	77,400	88,600	0	0	88,600	0	1,969,978	0	1,969,978	0	77,300
<b>NEWPORT NEWS (CITY)</b>	<b>MICA CO. OF CANADA, INC.</b>							<b>900 JEFFERSON AVE,</b>				<b>SIC code: 3299</b>	
Methanol	N	0	82,629	82,629	0	0	82,629	0	0	0	0	0	1,540
Toluene	N	0	101,575	101,575	0	0	101,575	0	0	0	0	0	1,685
Total for MICA CO. OF CANADA, INC	(2 records)	0	184,204	184,204	0	0	184,204	0	0	0	0	0	3,225
<b>NEWPORT NEWS (CITY)</b>	<b>NEWPORT NEWS SHIPBUILDING AND DRY DOCK COMPANY</b>							<b>4101 WASHINGTON AVENUE,</b>				<b>SIC code: 3731</b>	
Barium Compounds	N	15,839	3,270	19,109	0	0	19,109	0	0	0	0	0	5,846
Chromium	N	255	5	260	0	255	515	0	0	0	0	255	1,520
Copper	N	255	5	260	0	255	515	0	0	0	0	255	4,951
Copper Compounds	N	5	5	10	0	750	760	0	0	0	0	255	4,147
Diisocyanates	N	0	0	0	0	0	0	0	0	0	0	0	2,619
Manganese	N	750	0	750	0	255	1,005	0	0	0	0	255	1,520
n-Butyl alcohol	N	34,870	16,587	51,457	0	0	51,457	0	0	0	0	0	27,806
Nickel	N	255	5	260	0	750	1,010	0	0	0	0	255	1,821
Sulfuric acid (acid aerosols)	N	0	44,834	44,834	0	0	44,834	0	0	0	0	0	0
Xylene (mixed isomers)	N	19,153	4,490	23,643	0	0	23,643	0	0	0	0	5	13,604
Zinc (fume or dust)	N	255	5	260	0	0	260	0	0	0	0	0	1,025
Zinc Compounds	N	5	5	10	0	5,171	5,181	0	0	0	0	750	5,475
Total for NEWPORT NEWS SHIPBUI	(12 records)	71,642	69,211	140,853	0	7,436	148,289	0	0	0	0	2,030	70,334
<b>NEWPORT NEWS (CITY)</b>	<b>SEMMATERIALS, L.P. - NEWPORT NEWS VA</b>							<b>801 TERMINAL AVE,</b>				<b>SIC code: 5171</b>	

\* A "Y" in the FORM A column means a simplified Form A was submitted. An "N" means the full Form R was submitted. Facilities may report using the Form A for a non-PBTchemical if the total annual reportable amount for that chemical does not exceed 500 pounds and the amount manufactured, processed, or otherwise used for that chemical does not exceed 1 million pounds. When filing a Form A, no amounts are reported but by default the appendix lists them as zero.

\*\* TOTAL OTHER OFF-SITE TRANSFERS = ALL OF FORM R SECTION 6.2 OFF-SITE TRANSFERS (DISPOSAL + TREATMENT + ENERGY RECOVERY + RECYCLING)

Page H-54 of H-92

# 2004 Toxics Release Inventory

Appendix H

Facility County/Independent City	F O R M A*	On-Site Releases from Section 5 of Form R						On-Site Management from Section 8 of Form R				Off-Site Transfers from Section 6 of Form R	
Facility Name/Address		Fugitive Air (pounds)	Stack Air (pounds)	Total Air (pounds)	Land (pounds)	Water (pounds)	Total On-Site Releases (pounds)	Energy Recovery (pounds)	Recycling (pounds)	Treatment (pounds)	Total On-Site Management (pounds)	POTW (pounds)	Total Other Off-Site Transfers ** (pounds)
1,2,4-Trimethylbenzene	Y	0	0	0	0	0	0	0	0	0	0	0	0
Total for SEMMATERIALS, L.P. - NE (1 record)		0	0	0	0	0	0	0	0	0	0	0	0
<b>NEWPORT NEWS (CITY)</b>		<b>SIEMENS VDO AUTOMOTIVE CORPORATION</b>						<b>615 BLAND BOULEVARD,</b>				<b>SIC code: 3714</b>	
Chromium	N	0	0	0	0	0	0	0	0	0	0	0	110,388
Manganese	N	0	0	0	0	0	0	0	0	0	0	0	24,573
Toluene	N	375	0	375	0	0	375	0	0	0	0	0	1,589
Xylene (mixed isomers)	N	210	0	210	0	0	210	0	0	0	0	0	737
Total for Siemens VDO Automotive C (4 records)		585	0	585	0	0	585	0	0	0	0	0	137,287
<b>NEWPORT NEWS (CITY)</b>		<b>THE PEPSI BOTTLING GROUP, LLC.</b>						<b>17200 WARWICK BLVD.,</b>				<b>SIC code: 2086</b>	
Chlorine	Y	0	0	0	0	0	0	0	0	0	0	0	0
Total for THE PEPSI BOTTLING GR (1 record)		0	0	0	0	0	0	0	0	0	0	0	0
<b>Total for Above County (24 records)</b>		<b>83,639</b>	<b>332,039</b>	<b>415,678</b>	<b>457</b>	<b>7,436</b>	<b>423,571</b>	<b>0</b>	<b>2,102,140</b>	<b>0</b>	<b>2,102,140</b>	<b>2,030</b>	<b>348,004</b>
<b>NORFOLK (CITY)</b>		<b>COLONNA'S SHIPYARD INC</b>						<b>400 EAST INDIAN RIVER ROAD,</b>				<b>SIC code: 3731</b>	
Copper Compounds	N	2,229	0	2,229	0	3	2,232	0	0	0	0	5	0
n-Butyl alcohol	N	8,911	0	8,911	0	0	8,911	0	0	0	0	0	53
Xylene (mixed isomers)	N	9,401	0	9,401	0	0	9,401	0	0	0	0	0	310
Total for Colonna's Shipyard Inc (3 records)		20,541	0	20,541	0	3	20,544	0	0	0	0	5	363
<b>NORFOLK (CITY)</b>		<b>CRANEY ISLAND FUEL TERMINAL</b>						<b>4501 CEDAR LANE, BLDG 288,</b>				<b>SIC code: 9711</b>	
Naphthalene	N	54	105	159	0	0	159	0	0	0	0	0	0
Total for CRANEY ISLAND FUEL TE (1 record)		54	105	159	0	0	159	0	0	0	0	0	0
<b>NORFOLK (CITY)</b>		<b>CUSTOM MARBLE CONCEPTS</b>						<b>1164 KINGWOOD AVE,</b>				<b>SIC code: 3088</b>	
Styrene	N	0	1,641	1,641	0	0	1,641	0	0	0	0	0	0
Total for CUSTOM MARBLE CONCE (1 record)		0	1,641	1,641	0	0	1,641	0	0	0	0	0	0
<b>NORFOLK (CITY)</b>		<b>FORD NORFOLK ASSEMBLY PLANT</b>						<b>2424 FORD DRIVE,</b>				<b>SIC code: 3711</b>	
1,2,4-Trimethylbenzene	N	710	57,000	57,710	0	0	57,710	0	0	63,000	63,000	0	14,222

\* A "Y" in the FORM A column means a simplified Form A was submitted. An "N" means the full Form R was submitted. Facilities may report using the Form A for a non-PBTchemical if the total annual reportable amount for that chemical does not exceed 500 pounds and the amount manufactured, processed, or otherwise used for that chemical does not exceed 1 million pounds. When filing a Form A, no amounts are reported but by default the appendix lists them as zero.

\*\* TOTAL OTHER OFF-SITE TRANSFERS = ALL OF FORM R SECTION 6.2 OFF-SITE TRANSFERS (DISPOSAL + TREATMENT + ENERGY RECOVERY + RECYCLING)

Page H-55 of H-92



# 2004 Toxics Release Inventory

Appendix H

Facility County/Independent City	FORM A*	On-Site Releases from Section 5 of Form R						On-Site Management from Section 8 of Form R				Off-Site Transfers from Section 6 of Form R	
		Fugitive Air (pounds)	Stack Air (pounds)	Total Air (pounds)	Land (pounds)	Water (pounds)	Total On-Site Releases (pounds)	Energy Recovery (pounds)	Recycling (pounds)	Treatment (pounds)	Total On-Site Management (pounds)	POTW (pounds)	Total Other Off-Site Transfers ** (pounds)
Benzene	N	0	37	37	0	0	37	0	0	0	0	0	14
Certain Glycol Ethers	N	800	130,000	130,800	0	0	130,800	0	0	47,000	47,000	69,000	223
Copper	N	2	0	2	0	0	2	0	0	0	0	0	15,300
Cyclohexane	N	0	1	1	0	0	1	0	0	0	0	0	5
Ethylbenzene	N	550	49,000	49,550	0	0	49,550	0	0	37,000	37,000	0	48,180
Ethylene glycol	N	20	0	20	0	0	20	0	0	0	0	4,500	0
Manganese Compounds	N	0	0	0	0	0	0	0	0	0	0	30	6,800
Methanol	N	2,100	27,000	29,100	0	0	29,100	0	0	20,000	20,000	0	107
Methyl isobutyl ketone	N	210	29,000	29,210	0	0	29,210	0	0	31,000	31,000	0	180,267
Methyl tert-butyl ether	N	0	350	350	0	0	350	0	0	0	0	0	129
n-Butyl alcohol	N	2,100	160,000	162,100	0	0	162,100	0	0	180,000	180,000	0	1,431
Nitrate compounds	N	11	0	11	0	0	11	0	0	0	0	150,000	870
Sodium nitrite	N	4	0	4	0	0	4	0	0	0	0	38	0
Toluene	N	1,000	82	1,082	0	0	1,082	0	0	10	10	0	69
Xylene (mixed isomers)	N	2,600	240,000	242,600	0	0	242,600	0	0	180,000	180,000	0	230,899
Zinc Compounds	N	0	24	24	0	0	24	0	0	0	0	50	11,211
Total for FORD NORFOLK ASSEMBL (17 records)		10,107	692,494	702,601	0	0	702,601	0	0	558,010	558,010	223,618	509,727
<b>NORFOLK (CITY)</b>		<b>METRO MACHINE CORP.</b>						<b>200 LIGON STREET,</b>				<b>SIC code: 3731</b>	
n-Butyl alcohol	N	9,170	0	9,170	0	0	9,170	0	0	0	0	0	8,107
Total for Metro Machine Corp. (1 record)		9,170	0	9,170	0	0	9,170	0	0	0	0	0	8,107
<b>NORFOLK (CITY)</b>		<b>NAVAL AMPHIBIUOS LITTLE CREEK</b>						<b>2600 TARAWA COURT, SUITE 100,</b>				<b>SIC code: 9711</b>	
Zinc (fume or dust)	N	0	269,286	269,286	0	0	269,286	0	0	0	0	0	0
Total for NAVAL AMPHIBIUOS LITTL (1 record)		0	269,286	269,286	0	0	269,286	0	0	0	0	0	0
<b>NORFOLK (CITY)</b>		<b>NAVAL STATION NORFOLK</b>						<b>1530 GILBERT STREET,</b>				<b>SIC code: 9711</b>	
Naphthalene	N	46	16	62	0	0	62	0	0	0	0	0	0
Total for NAVAL STATION NORFOLK (1 record)		46	16	62	0	0	62	0	0	0	0	0	0

\* A "Y" in the FORM A column means a simplified Form A was submitted. An "N" means the full Form R was submitted. Facilities may report using the Form A for a non-PBTchemical if the total annual reportable amount for that chemical does not exceed 500 pounds and the amount manufactured, processed, or otherwise used for that chemical does not exceed 1 million pounds. When filing a Form A, no amounts are reported but by default the appendix lists them as zero.

\*\* TOTAL OTHER OFF-SITE TRANSFERS = ALL OF FORM R SECTION 6.2 OFF-SITE TRANSFERS (DISPOSAL + TREATMENT + ENERGY RECOVERY + RECYCLING)

# 2004 Toxics Release Inventory

Appendix H

Facility County/Independent City	F O R M A*	On-Site Releases from Section 5 of Form R						On-Site Management from Section 8 of Form R				Off-Site Transfers from Section 6 of Form R	
Facility Name/Address		Fugitive Air (pounds)	Stack Air (pounds)	Total Air (pounds)	Land (pounds)	Water (pounds)	Total On-Site Releases (pounds)	Energy Recovery (pounds)	Recycling (pounds)	Treatment (pounds)	Total On-Site Management (pounds)	POTW (pounds)	Total Other Off-Site Transfers ** (pounds)
<b>NORFOLK (CITY)</b>		<b>NORFOLK SHIPBUILDING &amp; DRYDOCK CORPORATION</b>						<b>750 WEST BERKLEY AVENUE,</b>				<b>SIC code: 3731</b>	
Copper Compounds	N	4,366	0	4,366	0	21	4,387	0	0	0	0	83	24,678
n-Butyl alcohol	N	10,728	0	10,728	0	0	10,728	0	0	0	0	0	5,800
Xylene (mixed isomers)	N	9,560	0	9,560	0	0	9,560	0	0	0	0	0	5,168
Zinc Compounds	N	2,655	0	2,655	0	136	2,791	0	0	0	0	81	24,237
Total for NORFOLK SHIPBUILDING (4 records)		<b>27,309</b>	<b>0</b>	<b>27,309</b>	<b>0</b>	<b>157</b>	<b>27,466</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>164</b>	<b>59,882</b>
<b>Total for Above County (29 records)</b>		<b>67,227</b>	<b>963,542</b>	<b>1,030,769</b>	<b>0</b>	<b>160</b>	<b>1,030,929</b>	<b>0</b>	<b>0</b>	<b>558,010</b>	<b>558,010</b>	<b>223,786</b>	<b>578,079</b>
<b>NORTHUMBERLAND</b>		<b>OMEGA PROTEIN, INC.</b>						<b>610 MENHADEN ROAD P O BOX 175,</b>				<b>SIC code: 2077</b>	
Ammonia	N	19,008	0	19,008	0	0	19,008	0	0	0	0	0	0
Ethylene glycol	N	0	0	0	11,500	0	11,500	0	0	0	0	0	11,500
Formaldehyde	N	85	0	85	0	0	85	0	0	0	0	0	0
Total for Omega Protein, Inc. (3 records)		<b>19,093</b>	<b>0</b>	<b>19,093</b>	<b>11,500</b>	<b>0</b>	<b>30,593</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>11,500</b>
<b>Total for Above County (3 records)</b>		<b>19,093</b>	<b>0</b>	<b>19,093</b>	<b>11,500</b>	<b>0</b>	<b>30,593</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>11,500</b>
<b>NOTTOWAY</b>		<b>TAYLOR-RAMSEY WOOD PRESERVERS, INC.</b>						<b>BUSINESS HWY 46- EAST,</b>				<b>SIC code: 2491</b>	
Copper Compounds	Y	0	0	0	0	0	0	0	0	0	0	0	0
Total for TAYLOR-RAMSEY WOOD (1 record)		<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>NOTTOWAY</b>		<b>TYSON FOODS, INC. - FEED MILL</b>						<b>1938 PATRICK HENRY HIGHWAY,</b>				<b>SIC code: 2048</b>	
Copper Compounds	Y	0	0	0	0	0	0	0	0	0	0	0	0
Manganese Compounds	Y	0	0	0	0	0	0	0	0	0	0	0	0
Zinc Compounds	Y	0	0	0	0	0	0	0	0	0	0	0	0
Total for TYSON FOODS, INC. - FEE (3 records)		<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Total for Above County (4 records)</b>		<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>ORANGE</b>		<b>GENERAL SHALE BRICK INC PLANT #37</b>						<b>STATE ROUTE 655,</b>				<b>SIC code: 3251</b>	
Hydrogen fluoride	N	0	42,857	42,857	0	0	42,857	0	0	0	0	0	0
Total for GENERAL SHALE BRICK IN (1 record)		<b>0</b>	<b>42,857</b>	<b>42,857</b>	<b>0</b>	<b>0</b>	<b>42,857</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Total for Above County (1 record)</b>		<b>0</b>	<b>42,857</b>	<b>42,857</b>	<b>0</b>	<b>0</b>	<b>42,857</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

\* A "Y" in the FORM A column means a simplified Form A was submitted. An "N" means the full Form R was submitted. Facilities may report using the Form A for a non-PBTchemical if the total annual reportable amount for that chemical does not exceed 500 pounds and the amount manufactured, processed, or otherwise used for that chemical does not exceed 1 million pounds. When filing a Form A, no amounts are reported but by default the appendix lists them as zero.

\*\* TOTAL OTHER OFF-SITE TRANSFERS = ALL OF FORM R SECTION 6.2 OFF-SITE TRANSFERS (DISPOSAL + TREATMENT + ENERGY RECOVERY + RECYCLING)

# 2004 Toxics Release Inventory

Appendix H

Facility County/Independent City	F O R M A*	On-Site Releases from Section 5 of Form R						On-Site Management from Section 8 of Form R				Off-Site Transfers from Section 6 of Form R	
Facility Name/Address		Fugitive Air (pounds)	Stack Air (pounds)	Total Air (pounds)	Land (pounds)	Water (pounds)	Total On-Site Releases (pounds)	Energy Recovery (pounds)	Recycling (pounds)	Treatment (pounds)	Total On-Site Management (pounds)	POTW (pounds)	Total Other Off-Site Transfers ** (pounds)
<b>PATRICK</b>		<b>MICROMETRICS SYSTEMS</b>						<b>225 JEB STUART HWY,</b>				<b>SIC code: 3479</b>	
Chlorine	Y	0	0	0	0	0	0	0	0	0	0	0	0
Chromium	Y	0	0	0	0	0	0	0	0	0	0	0	0
Cobalt	Y	0	0	0	0	0	0	0	0	0	0	0	0
Manganese	Y	0	0	0	0	0	0	0	0	0	0	0	0
Nickel	Y	0	0	0	0	0	0	0	0	0	0	0	0
Total for MICROMETRICS SYSTEMS (5 records)		<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Total for Above County (5 records)</b>		<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>PETERSBURG (CITY)</b>		<b>BOEHRINGER INGELHEIM CHEMICALS, INC.</b>						<b>2820 NORTH NORMANDY ROAD, NONE</b>				<b>SIC code: 2833</b>	
Acetonitrile	N	41	255	296	0	0	296	0	0	740	740	4	14,961
Acrylic acid	N	102	9	111	0	0	111	0	0	65	65	0	0
Ammonia	N	255	4,763	5,018	0	0	5,018	0	0	0	0	12,154	0
Certain Glycol Ethers	N	296	638	934	0	0	934	0	0	0	0	0	860,889
Cyclohexane	N	80	13	93	0	0	93	0	0	119	119	0	147,033
Epichlorohydrin	N	26	9	35	0	0	35	0	0	67	67	0	0
Ethylene glycol	N	5	0	5	0	0	5	0	0	0	0	0	23,101
Methanol	N	4,336	2,222	6,558	0	0	6,558	0	0	876,351	876,351	614	826,381
Methyl tert-butyl ether	N	878	545	1,423	0	0	1,423	0	0	9,165	9,165	1,004	101,526
N,N-Dimethylformamide	N	193	73	266	0	0	266	0	0	546	546	0	380,397
Nicotine and salts	N	0	0	0	0	0	0	0	0	0	0	7,242	0
Nitrate compounds	N	0	0	0	0	0	0	0	0	0	0	376,547	0
Toluene	N	4,712	2,430	7,142	0	0	7,142	0	0	32,779	32,779	2	1,592,549
Total for Boehringer Ingelheim Chemi (13 records)		<b>10,924</b>	<b>10,957</b>	<b>21,881</b>	<b>0</b>	<b>0</b>	<b>21,881</b>	<b>0</b>	<b>0</b>	<b>919,832</b>	<b>919,832</b>	<b>397,567</b>	<b>3,946,837</b>
<b>PETERSBURG (CITY)</b>		<b>BRENCO, INC.</b>						<b>2580 FRONTAGE ROAD,</b>				<b>SIC code: 3562</b>	
Chromium	N	0	1	1	0	0	1	0	0	0	0	5	54,913
Copper	N	0	0	0	0	0	0	0	0	0	0	16	32,342

\* A "Y" in the FORM A column means a simplified Form A was submitted. An "N" means the full Form R was submitted. Facilities may report using the Form A for a non-PBT chemical if the total annual reportable amount for that chemical does not exceed 500 pounds and the amount manufactured, processed, or otherwise used for that chemical does not exceed 1 million pounds. When filing a Form A, no amounts are reported but by default the appendix lists them as zero.

\*\* TOTAL OTHER OFF-SITE TRANSFERS = ALL OF FORM R SECTION 6.2 OFF-SITE TRANSFERS (DISPOSAL + TREATMENT + ENERGY RECOVERY + RECYCLING)

Page H-58 of H-92

# 2004 Toxics Release Inventory

Appendix H

Facility County/Independent City	F O R M A*	On-Site Releases from Section 5 of Form R						On-Site Management from Section 8 of Form R				Off-Site Transfers from Section 6 of Form R	
Facility Name/Address		Fugitive Air (pounds)	Stack Air (pounds)	Total Air (pounds)	Land (pounds)	Water (pounds)	Total On-Site Releases (pounds)	Energy Recovery (pounds)	Recycling (pounds)	Treatment (pounds)	Total On-Site Management (pounds)	POTW (pounds)	Total Other Off-Site Transfers ** (pounds)
Chemical Name													
Manganese	N	0	0	0	0	0	0	0	0	0	0	0	120,630
Methyl ethyl ketone	N	0	111,095	111,095	0	0	111,095	0	0	0	0	0	300
Nickel	N	0	1	1	0	0	1	0	0	0	0	13	55,856
Total for Brenco, Inc.	(5 records)	0	111,096	111,096	0	0	111,096	0	0	0	0	34	264,041
<b>PETERSBURG (CITY)</b>		<b>DOMINION CHEMICAL COMPANY, INC.</b>						<b>2050 PUDDLEDock RD,</b>				<b>SIC code: 2899</b>	
Formaldehyde	N	255	5	260	0	0	260	0	0	0	0	0	0
Methanol	N	255	255	510	0	0	510	0	0	0	0	0	0
Total for Dominion Chemical Compan	(2 records)	510	260	770	0	0	770	0	0	0	0	0	0
<b>PETERSBURG (CITY)</b>		<b>INDUSTRIAL GALVANIZERS VIRGINIA</b>						<b>3535 HALIFAX ROAD,</b>				<b>SIC code: 3479</b>	
Zinc Compounds	N	2,784	0	2,784	0	0	2,784	0	0	0	0	0	30,736
Total for INDUSTRIAL GALVANIZER	(1 record)	2,784	0	2,784	0	0	2,784	0	0	0	0	0	30,736
<b>PETERSBURG (CITY)</b>		<b>PRE CON, INC</b>						<b>220 SOUTH PERRY STREET,</b>				<b>SIC code: 2295</b>	
Cyclohexane	N	10,636	22,000	32,636	0	0	32,636	0	0	911,702	911,702	0	23,671
Dichloromethane	N	0	6,850	6,850	0	0	6,850	0	0	0	0	0	491
Freon 113	N	1,998	1,383	3,381	0	0	3,381	0	0	0	0	0	0
Total for PRE CON, INC	(3 records)	12,634	30,233	42,867	0	0	42,867	0	0	911,702	911,702	0	24,162
<b>Total for Above County (24 records)</b>		<b>26,852</b>	<b>152,546</b>	<b>179,398</b>	<b>0</b>	<b>0</b>	<b>179,398</b>	<b>0</b>	<b>0</b>	<b>1,831,534</b>	<b>1,831,534</b>	<b>397,601</b>	<b>4,265,776</b>
<b>PITTSYLVANIA</b>		<b>COOK COMPOSITES AND POLYMERS CO.</b>						<b>920 TIGHTSQUEEZE INDUSTRIAL RD,</b>				<b>SIC code: 2821</b>	
Dicyclopentadiene	N	9	49	58	0	0	58	0	0	868	868	0	5,718
Ethylene glycol	N	7	38	45	0	0	45	0	0	8,682	8,682	0	74,548
Maleic anhydride	N	75	426	501	0	0	501	0	0	43	43	0	1,383
Phthalic anhydride	N	846	4,793	5,639	0	0	5,639	0	0	43	43	0	1,383
Styrene	N	84	477	561	0	0	561	0	0	0	0	0	112,485
Xylene (mixed isomers)	N	6	33	39	0	0	39	0	0	8,682	8,682	0	366,484
Total for COOK COMPOSITES AND	(6 records)	1,026	5,817	6,843	0	0	6,843	0	0	18,318	18,318	0	562,001

\* A "Y" in the FORM A column means a simplified Form A was submitted. An "N" means the full Form R was submitted. Facilities may report using the Form A for a non-PBTchemical if the total annual reportable amount for that chemical does not exceed 500 pounds and the amount manufactured, processed, or otherwise used for that chemical does not exceed 1 million pounds. When filing a Form A, no amounts are reported but by default the appendix lists them as zero.

\*\* TOTAL OTHER OFF-SITE TRANSFERS = ALL OF FORM R SECTION 6.2 OFF-SITE TRANSFERS (DISPOSAL + TREATMENT + ENERGY RECOVERY + RECYCLING)

Page H-59 of H-92

# 2004 Toxics Release Inventory

Appendix H

Facility County/Independent City	F O R M  A*	On-Site Releases from Section 5 of Form R						On-Site Management from Section 8 of Form R				Off-Site Transfers from Section 6 of Form R	
Facility Name/Address		Fugitive Air (pounds)	Stack Air (pounds)	Total Air (pounds)	Land (pounds)	Water (pounds)	Total On-Site Releases (pounds)	Energy Recovery (pounds)	Recycling (pounds)	Treatment (pounds)	Total On-Site Management (pounds)	POTW (pounds)	Total Other Off-Site Transfers ** (pounds)
<b>PITTSYLVANIA</b>		<b>CORNING INCORPORATED</b>						<b>265 CORNING DRIVE,</b>				<b>SIC code: 3229</b>	
Barium Compounds	N	255	255	510	0	44	554	0	65,857	0	65,857	6	637
Hydrogen fluoride	N	46	2,832	2,878	0	0	2,878	0	0	6,400	6,400	0	125
Lithium carbonate	N	5	5	10	0	0	10	0	4,837	0	4,837	0	3,016
Nitrate compounds	N	5	0	5	0	0	5	0	0	0	0	1,372,500	0
Nitric acid	N	255	10,856	11,111	0	0	11,111	0	0	1,395,000	1,395,000	0	0
Zinc Compounds	N	5	5	10	0	32	42	0	2,043	0	2,043	5	699
Total for CORNING INCORPORATED (6 records)		<b>571</b>	<b>13,953</b>	<b>14,524</b>	<b>0</b>	<b>76</b>	<b>14,600</b>	<b>0</b>	<b>72,737</b>	<b>1,401,400</b>	<b>1,474,137</b>	<b>1,372,511</b>	<b>4,477</b>
<b>PITTSYLVANIA</b>		<b>DANCHEM TECHNOLOGIES, INC.</b>						<b>1975 OLD RICHMOND ROAD,</b>				<b>SIC code: 2821</b>	
Acrylic acid	N	9	36	45	0	0	45	0	0	0	0	1,088	0
Chloromethane	N	224	834	1,058	0	0	1,058	0	0	0	0	0	0
Cyclohexane	N	55	627	682	0	0	682	0	0	9,590	9,590	0	947
Diisocyanates	N	0	0	0	0	0	0	0	0	0	0	0	1,156
Formaldehyde	N	973	7	980	0	0	980	0	0	0	0	0	0
Maleic anhydride	N	148	2	150	0	0	150	0	0	176	176	0	2,400
Methanol	N	903	632	1,535	0	0	1,535	0	0	0	0	0	23,165
Methyl ethyl ketone	N	3,135	5,809	8,944	0	0	8,944	0	0	1,237	1,237	0	63,758
Methyl methacrylate	N	772	1,565	2,337	0	0	2,337	0	0	0	0	0	2,444
n-Butyl alcohol	N	6,784	27,208	33,992	0	0	33,992	0	1,062,727	0	1,062,727	0	217,983
Phenol	N	1	0	1	0	0	1	0	0	0	0	0	2,478
Toluene	N	2,963	2,912	5,875	0	0	5,875	0	0	78,633	78,633	0	8,826
Vinyl acetate	N	475	989	1,464	0	0	1,464	0	0	0	0	0	0
Xylene (mixed isomers)	N	530	2,244	2,774	0	0	2,774	0	88,512	0	88,512	0	50,419
Butyl acrylate	Y	0	0	0	0	0	0	0	0	0	0	0	0
Ethyl acrylate	Y	0	0	0	0	0	0	0	0	0	0	0	0
Ethylene glycol	Y	0	0	0	0	0	0	0	0	0	0	0	0

\* A "Y" in the FORM A column means a simplified Form A was submitted. An "N" means the full Form R was submitted. Facilities may report using the Form A for a non-PBT chemical if the total annual reportable amount for that chemical does not exceed 500 pounds and the amount manufactured, processed, or otherwise used for that chemical does not exceed 1 million pounds. When filing a Form A, no amounts are reported but by default the appendix lists them as zero.

\*\* TOTAL OTHER OFF-SITE TRANSFERS = ALL OF FORM R SECTION 6.2 OFF-SITE TRANSFERS (DISPOSAL + TREATMENT + ENERGY RECOVERY + RECYCLING)

Page H-60 of H-92

# 2004 Toxics Release Inventory

Appendix H

Facility County/Independent City	F O R M A*	On-Site Releases from Section 5 of Form R						On-Site Management from Section 8 of Form R				Off-Site Transfers from Section 6 of Form R	
Facility Name/Address		Fugitive Air (pounds)	Stack Air (pounds)	Total Air (pounds)	Land (pounds)	Water (pounds)	Total On-Site Releases (pounds)	Energy Recovery (pounds)	Recycling (pounds)	Treatment (pounds)	Total On-Site Management (pounds)	POTW (pounds)	Total Other Off-Site Transfers ** (pounds)
Styrene	Y	0	0	0	0	0	0	0	0	0	0	0	0
Total for DANCHEM TECHNOLOGIE (18 records)		16,972	42,865	59,837	0	0	59,837	0	1,151,239	89,636	1,240,875	1,088	373,576
<b>PITTSYLVANIA</b>		<b>DIMON INTERNATIONAL, INC.</b>						<b>660 KENTUCK ROAD,</b>				<b>SIC code: 2141</b>	
Ammonia	N	750	4,137	4,887	0	0	4,887	0	0	0	0	0	7,115
Nicotine and salts	N	3,566	11,485	15,051	0	0	15,051	0	0	0	0	0	19,763
Total for DIMON INTERNATIONAL, I (2 records)		4,316	15,623	19,938	0	0	19,938	0	0	0	0	0	26,877
<b>PITTSYLVANIA</b>		<b>HURT FINISHING PLANT</b>						<b>797 MAIN STREET,</b>				<b>SIC code: 2262</b>	
1,2,4-Trimethylbenzene	N	2,724	0	2,724	0	557	3,281	0	0	7,690	7,690	0	223
Hydrochloric acid (acid aerosols)	N	0	48,400	48,400	0	0	48,400	0	0	0	0	0	0
N-Methyl-2-pyrrolidone	N	190	0	190	0	190	380	0	0	18,512	18,512	0	190
Total for HURT FINISHING PLANT (3 records)		2,914	48,400	51,314	0	747	52,061	0	0	26,202	26,202	0	413
<b>PITTSYLVANIA</b>		<b>INTERTAPE INCORPORATED</b>						<b>1101 EAGLE SPRINGS ROAD,</b>				<b>SIC code: 3081</b>	
Toluene	N	7,998	91,982	99,980	0	0	99,980	0	2,738,355	0	2,738,355	0	0
Total for INTERTAPE INCORPORAT (1 record)		7,998	91,982	99,980	0	0	99,980	0	2,738,355	0	2,738,355	0	0
<b>PITTSYLVANIA</b>		<b>OWENS-BROCKWAY GLASS CONTAINER INC. - PLANT #29</b>						<b>STATE ROAD,</b>				<b>SIC code: 3221</b>	
Ammonia	N	220	4,480	4,700	0	0	4,700	0	0	0	0	0	0
Total for OWENS-BROCKWAY GLAS (1 record)		220	4,480	4,700	0	0	4,700	0	0	0	0	0	0
<b>PITTSYLVANIA</b>		<b>SARTOMER COMPANY, INC.</b>						<b>601 TIGHTSQUEEZE INDUSTRIAL RO, AD</b>				<b>SIC code: 2869</b>	
Acrylic acid	N	750	255	1,005	0	0	1,005	0	0	400,000	400,000	0	0
Butyl acrylate	N	255	70	325	0	0	325	0	0	1,300	1,300	0	751
Certain Glycol Ethers	N	5	5	10	0	0	10	0	0	260	260	14	765
Methyl methacrylate	N	30	5	35	0	0	35	0	0	180	180	0	752
Toluene	N	2,600	750	3,350	0	0	3,350	0	82,000	34,000	116,000	0	443,348
Xylene (mixed isomers)	N	750	255	1,005	0	0	1,005	0	0	5,400	5,400	0	50,750
Diisocyanates	Y	0	0	0	0	0	0	0	0	0	0	0	0

\* A "Y" in the FORM A column means a simplified Form A was submitted. An "N" means the full Form R was submitted. Facilities may report using the Form A for a non-PBTchemical if the total annual reportable amount for that chemical does not exceed 500 pounds and the amount manufactured, processed, or otherwise used for that chemical does not exceed 1 million pounds. When filing a Form A, no amounts are reported but by default the appendix lists them as zero.

\*\* TOTAL OTHER OFF-SITE TRANSFERS = ALL OF FORM R SECTION 6.2 OFF-SITE TRANSFERS (DISPOSAL + TREATMENT + ENERGY RECOVERY + RECYCLING)

Page H-61 of H-92

# 2004 Toxics Release Inventory

Appendix H

Facility County/Independent City	F O R M A*	On-Site Releases from Section 5 of Form R						On-Site Management from Section 8 of Form R				Off-Site Transfers from Section 6 of Form R	
		Fugitive Air (pounds)	Stack Air (pounds)	Total Air (pounds)	Land (pounds)	Water (pounds)	Total On-Site Releases (pounds)	Energy Recovery (pounds)	Recycling (pounds)	Treatment (pounds)	Total On-Site Management (pounds)	POTW (pounds)	Total Other Off-Site Transfers ** (pounds)
Hydroquinone	Y	0	0	0	0	0	0	0	0	0	0	0	0
Phthalic anhydride	Y	0	0	0	0	0	0	0	0	0	0	0	0
Toluene diisocyanate	Y	0	0	0	0	0	0	0	0	0	0	0	0
Total for SARTOMER COMPANY, IN (10 records)		4,390	1,340	5,730	0	0	5,730	0	82,000	441,140	523,140	14	496,366
<b>PITTSYLVANIA</b>		<b>UNIVERSAL LEAF NORTH AMERICA US, INC.</b>						<b>745 KENTUCK RD.,</b>				<b>SIC code: 2141</b>	
Nicotine and salts	N	0	13,065	13,065	17,665	0	30,730	0	0	0	0	0	0
Total for UNIVERSAL LEAF NORTH (1 record)		0	13,065	13,065	17,665	0	30,730	0	0	0	0	0	0
<b>PITTSYLVANIA</b>		<b>VIRGINIA SOLITE</b>						<b>101 SOLITE ROAD,</b>				<b>SIC code: 3295</b>	
Methyl isobutyl ketone	N	5	5	10	0	0	10	27,702	0	0	27,702	0	1,861
Total for VIRGINIA SOLITE (1 record)		5	5	10	0	0	10	27,702	0	0	27,702	0	1,861
<b>Total for Above County (49 records)</b>		<b>38,413</b>	<b>237,529</b>	<b>275,942</b>	<b>17,665</b>	<b>823</b>	<b>294,430</b>	<b>27,702</b>	<b>4,044,331</b>	<b>1,976,696</b>	<b>6,048,729</b>	<b>1,373,613</b>	<b>1,465,571</b>
<b>PORTSMOUTH (CITY)</b>		<b>BASF CORPORATION-PORTSMOUTH PLANT</b>						<b>3340 WEST NORFOLK ROAD,</b>				<b>SIC code: 2821</b>	
Acrylic acid	N	22	14,800	14,822	0	0	14,822	0	0	36	36	3,562	241
Total for BASF CORPORATION-POR (1 record)		22	14,800	14,822	0	0	14,822	0	0	36	36	3,562	241
<b>PORTSMOUTH (CITY)</b>		<b>COGENTRIX VIRGINIA LEASING CORP.</b>						<b>1 WILD DUCK LANE,</b>				<b>SIC code: 4911</b>	
Hydrochloric acid (acid aerosols)	N	0	422,851	422,851	0	0	422,851	0	0	0	0	0	0
Hydrogen fluoride	N	0	52,856	52,856	0	0	52,856	0	0	0	0	0	0
Sulfuric acid (acid aerosols)	N	0	26,400	26,400	0	0	26,400	0	0	0	0	0	0
Total for COGENTRIX VIRGINIA LEA (3 records)		0	502,107	502,107	0	0	502,107	0	0	0	0	0	0
<b>PORTSMOUTH (CITY)</b>		<b>U. S. DOD U. S. NAVY NORFOLK NAVAL SHIPYARD</b>						<b>INTERSECTION OF EFFINGHAM ST., AND G</b>				<b>SIC code: 9711</b>	
1,2,4-Trimethylbenzene	N	11,000	570	11,570	0	0	11,570	0	0	0	0	0	240
Copper Compounds	N	530	0	530	350	660	1,540	0	0	0	0	440	28,100
Ethylene glycol	N	2,000	0	2,000	0	0	2,000	0	0	0	0	0	9,300
n-Butyl alcohol	N	35,000	4,100	39,100	0	0	39,100	0	0	0	0	0	3,311
Xylene (mixed isomers)	N	21,000	3,300	24,300	0	0	24,300	0	0	0	0	12	8,913

\* A "Y" in the FORM A column means a simplified Form A was submitted. An "N" means the full Form R was submitted. Facilities may report using the Form A for a non-PBT chemical if the total annual reportable amount for that chemical does not exceed 500 pounds and the amount manufactured, processed, or otherwise used for that chemical does not exceed 1 million pounds. When filing a Form A, no amounts are reported but by default the appendix lists them as zero.

\*\* TOTAL OTHER OFF-SITE TRANSFERS = ALL OF FORM R SECTION 6.2 OFF-SITE TRANSFERS (DISPOSAL + TREATMENT + ENERGY RECOVERY + RECYCLING)

Page H-62 of H-92

# 2004 Toxics Release Inventory

Appendix H

Facility County/Independent City	F O R M A*	On-Site Releases from Section 5 of Form R						On-Site Management from Section 8 of Form R				Off-Site Transfers from Section 6 of Form R	
		Fugitive Air (pounds)	Stack Air (pounds)	Total Air (pounds)	Land (pounds)	Water (pounds)	Total On-Site Releases (pounds)	Energy Recovery (pounds)	Recycling (pounds)	Treatment (pounds)	Total On-Site Management (pounds)	POTW (pounds)	Total Other Off-Site Transfers ** (pounds)
Total for U. S. DOD U. S. NAVY NOR (5 records)		69,530	7,970	77,500	350	660	78,510	0	0	0	0	452	49,864
<b>PORTSMOUTH (CITY)</b>		<b>U.S. AMINES (PORTSMOUTH) LLC</b>						<b>3230 W. NORFOLK ROAD,</b>				<b>SIC code: 2869</b>	
3-Chloro-2-methyl-1-propene	N	85	1	86	0	0	86	0	0	38	38	0	0
Allyl chloride	N	251	7	258	0	0	258	0	0	350	350	0	0
Allylamine	N	247	2,680	2,927	0	0	2,927	0	0	131,320	131,320	25	0
Ammonia	N	300	450	750	0	0	750	0	0	2,548	2,548	30	0
Vinyl chloride	N	2	56	58	0	0	58	0	0	22,463	22,463	0	0
1,2-Dichloroethane	Y	0	0	0	0	0	0	0	0	0	0	0	0
Total for U.S. AMINES (PORTSMOU (6 records)		885	3,194	4,079	0	0	4,079	0	0	156,719	156,719	55	0
<b>Total for Above County (15 records)</b>		<b>70,437</b>	<b>528,071</b>	<b>598,508</b>	<b>350</b>	<b>660</b>	<b>599,518</b>	<b>0</b>	<b>0</b>	<b>156,755</b>	<b>156,755</b>	<b>4,069</b>	<b>50,105</b>
<b>PRINCE EDWARD</b>		<b>CARBONE KIRKWOOD, LLC</b>						<b>300 INDUSTRIAL PARK RD,</b>				<b>SIC code: 3624</b>	
Copper	N	5,043	0	5,043	0	0	5,043	0	0	0	0	1	91,040
Total for CARBONE KIRKWOOD, LL (1 record)		5,043	0	5,043	0	0	5,043	0	0	0	0	1	91,040
<b>PRINCE EDWARD</b>		<b>GEMINI - FARMVILLE</b>						<b>102 HAUSCHILD DRIVE,</b>				<b>SIC code: 3993</b>	
Copper	N	0	15	15	0	0	15	0	0	0	0	0	16,712
Total for Gemini - Farmville (1 record)		0	15	15	0	0	15	0	0	0	0	0	16,712
<b>PRINCE EDWARD</b>		<b>SMI REBAR FARMVILLE</b>						<b>300 SMI WAY,</b>				<b>SIC code: 3441</b>	
Nickel Compounds	Y	0	0	0	0	0	0	0	0	0	0	0	0
Total for SMI REBAR FARMVILLE (1 record)		0	0	0	0	0	0	0	0	0	0	0	0
<b>Total for Above County (3 records)</b>		<b>5,043</b>	<b>15</b>	<b>5,058</b>	<b>0</b>	<b>0</b>	<b>5,058</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>107,752</b>
<b>PRINCE GEORGE</b>		<b>HERCULES INCORPORATED</b>						<b>1111 HERCULES ROAD,</b>				<b>SIC code: 2869</b>	
Ammonia	N	6,955	0	6,955	0	0	6,955	0	0	0	0	2,734	2,627
Certain Glycol Ethers	N	10	0	10	0	0	10	0	0	0	0	253,335	0
Chlorine	N	685	1	686	0	0	686	0	0	952	952	0	0
Chloroacetic acid	N	593	24	617	0	0	617	0	0	3,052	3,052	0	0
Chloroethane	N	37,795	2,163	39,958	0	0	39,958	0	101,635	0	101,635	40	0

\* A "Y" in the FORM A column means a simplified Form A was submitted. An "N" means the full Form R was submitted. Facilities may report using the Form A for a non-PBTchemical if the total annual reportable amount for that chemical does not exceed 500 pounds and the amount manufactured, processed, or otherwise used for that chemical does not exceed 1 million pounds. When filing a Form A, no amounts are reported but by default the appendix lists them as zero.

\*\* TOTAL OTHER OFF-SITE TRANSFERS = ALL OF FORM R SECTION 6.2 OFF-SITE TRANSFERS (DISPOSAL + TREATMENT + ENERGY RECOVERY + RECYCLING)

Page H-63 of H-92



# 2004 Toxics Release Inventory

Appendix H

Facility County/Independent City	F O R M A*	On-Site Releases from Section 5 of Form R						On-Site Management from Section 8 of Form R				Off-Site Transfers from Section 6 of Form R	
Facility Name/Address		Fugitive Air (pounds)	Stack Air (pounds)	Total Air (pounds)	Land (pounds)	Water (pounds)	Total On-Site Releases (pounds)	Energy Recovery (pounds)	Recycling (pounds)	Treatment (pounds)	Total On-Site Management (pounds)	POTW (pounds)	Total Other Off-Site Transfers ** (pounds)
Ethylene	N	5,518	70,371	75,889	0	0	75,889	0	0	0	0	0	0
Ethylene glycol	N	80	0	80	0	0	80	0	0	0	0	2,048,302	0
Ethylene oxide	N	992	0	992	0	0	992	0	0	0	0	0	0
Hydrochloric acid (acid aerosols)	N	179	0	179	0	0	179	0	0	1,689,243	1,689,243	0	0
Methanol	N	259,454	1,471	260,925	0	0	260,925	0	327,028	0	327,028	489,368	6,000
Nitrate compounds	N	0	0	0	0	0	0	0	0	0	0	1,417,782	0
Nitric acid	N	2,210	0	2,210	0	0	2,210	0	0	0	0	0	0
Propylene oxide	N	682	0	682	0	0	682	0	0	0	0	4	0
tert-Butyl alcohol	N	31,769	523	32,292	0	0	32,292	0	37,000	0	37,000	143,854	0
Total for HERCULES INCORPORAT	(14 records)	<b>346,922</b>	<b>74,553</b>	<b>421,475</b>	<b>0</b>	<b>0</b>	<b>421,475</b>	<b>0</b>	<b>465,663</b>	<b>1,693,247</b>	<b>2,158,910</b>	<b>4,355,419</b>	<b>8,627</b>
<b>PRINCE GEORGE</b>		<b>KPAC HOLDINGS INC</b>						<b>5045 COUNTY DRIVE,</b>				<b>SIC code: 2875</b>	
Formaldehyde	N	5	5	10	0	255	265	0	0	0	0	0	0
Manganese Compounds	N	5	5	10	0	255	265	0	312	0	312	0	0
Total for KPAC Holdings INC	(2 records)	<b>10</b>	<b>10</b>	<b>20</b>	<b>0</b>	<b>510</b>	<b>530</b>	<b>0</b>	<b>312</b>	<b>0</b>	<b>312</b>	<b>0</b>	<b>0</b>
<b>PRINCE GEORGE</b>		<b>METL-SPAN I LTD EAST</b>						<b>6001 QUALITY WAY,</b>				<b>SIC code: 3448</b>	
Chlorodifluoromethane	N	33,020	0	33,020	0	0	33,020	0	0	0	0	0	0
Chromium	N	0	0	0	0	0	0	0	0	0	0	0	2,618
Diisocyanates	N	11	0	11	0	0	11	0	0	0	0	0	0
Manganese	N	0	0	0	0	0	0	0	0	0	0	0	14,272
Nickel	N	0	0	0	0	0	0	0	0	0	0	0	13,871
Total for METL-SPAN I LTD EAST	(5 records)	<b>33,031</b>	<b>0</b>	<b>33,031</b>	<b>0</b>	<b>0</b>	<b>33,031</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>30,761</b>
<b>PRINCE GEORGE</b>		<b>PAPER CHEMICALS, INC.</b>						<b>229 HUMMEL ROSS ROAD,</b>				<b>SIC code: 2899</b>	
Vinyl acetate	Y	0	0	0	0	0	0	0	0	0	0	0	0
Total for PAPER CHEMICALS, INC.	(1 record)	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>PRINCE GEORGE</b>		<b>U.S. DEPARTMENT OF THE ARMY - RANGE</b>						<b>IMNE-LEE-PWE, 1816 SHOP ROAD</b>				<b>SIC code: 9711</b>	

\* A "Y" in the FORM A column means a simplified Form A was submitted. An "N" means the full Form R was submitted. Facilities may report using the Form A for a non-PBT chemical if the total annual reportable amount for that chemical does not exceed 500 pounds and the amount manufactured, processed, or otherwise used for that chemical does not exceed 1 million pounds. When filing a Form A, no amounts are reported but by default the appendix lists them as zero.

\*\* TOTAL OTHER OFF-SITE TRANSFERS = ALL OF FORM R SECTION 6.2 OFF-SITE TRANSFERS (DISPOSAL + TREATMENT + ENERGY RECOVERY + RECYCLING)

Page H-64 of H-92

# 2004 Toxics Release Inventory

Appendix H

Facility County/Independent City	F O R M A*	On-Site Releases from Section 5 of Form R						On-Site Management from Section 8 of Form R				Off-Site Transfers from Section 6 of Form R	
Facility Name/Address		Fugitive Air (pounds)	Stack Air (pounds)	Total Air (pounds)	Land (pounds)	Water (pounds)	Total On-Site Releases (pounds)	Energy Recovery (pounds)	Recycling (pounds)	Treatment (pounds)	Total On-Site Management (pounds)	POTW (pounds)	Total Other Off-Site Transfers ** (pounds)
Ethylene glycol	N	0	0	0	0	0	0	0	0	0	0	0	9,964
Total for U.S. Department of the Army (1 record)		0	0	0	0	0	0	0	0	0	0	0	9,964
<b>Total for Above County (23 records)</b>		<b>379,963</b>	<b>74,563</b>	<b>454,527</b>	<b>0</b>	<b>510</b>	<b>455,037</b>	<b>0</b>	<b>465,975</b>	<b>1,693,247</b>	<b>2,159,222</b>	<b>4,355,419</b>	<b>49,352</b>
<b>PRINCE WILLIAM</b>		<b>MICRON TECHNOLOGY INC.</b>						<b>9600 GODWIN DRIVE,</b>				<b>SIC code: 3674</b>	
Ammonia	N	540	1,600	2,140	0	0	2,140	0	0	0	0	6,100	3,501
Hydrogen fluoride	N	0	350	350	0	0	350	0	0	66,000	66,000	0	421
Nitrate compounds	N	0	0	0	0	0	0	0	0	0	0	30,000	4
Nitric acid	N	0	31	31	0	0	31	0	0	30,000	30,000	0	530
Total for MICRON TECHNOLOGY IN (4 records)		540	1,981	2,521	0	0	2,521	0	0	96,000	96,000	36,100	4,456
<b>PRINCE WILLIAM</b>		<b>POSSUM POINT POWER STATION</b>						<b>19000 POSSUM POINT RD.,</b>				<b>SIC code: 4911</b>	
Ammonia	N	0	130,000	130,000	0	10,000	140,000	0	0	0	0	0	0
Hydrochloric acid (acid aerosols)	N	0	29,000	29,000	0	0	29,000	0	0	0	0	0	0
Nickel Compounds	N	0	3,600	3,600	16,000	270	19,870	0	0	0	0	0	0
Sulfuric acid (acid aerosols)	N	0	89,000	89,000	0	0	89,000	0	0	270,000	270,000	0	0
Total for POSSUM POINT POWER S (4 records)		0	251,600	251,600	16,000	10,270	277,870	0	0	270,000	270,000	0	0
<b>PRINCE WILLIAM</b>		<b>QUARLES PETROLEUM, INC. MANASSAS BULK PLANT</b>						<b>8001 WELLINGFORD DRIVE,</b>				<b>SIC code: 5171</b>	
1,2,4-Trimethylbenzene	Y	0	0	0	0	0	0	0	0	0	0	0	0
Methyl tert-butyl ether	Y	0	0	0	0	0	0	0	0	0	0	0	0
n-Hexane	Y	0	0	0	0	0	0	0	0	0	0	0	0
Toluene	Y	0	0	0	0	0	0	0	0	0	0	0	0
Xylene (mixed isomers)	Y	0	0	0	0	0	0	0	0	0	0	0	0
Total for QUARLES PETROLEUM, IN (5 records)		0	0	0	0	0	0	0	0	0	0	0	0
<b>PRINCE WILLIAM</b>		<b>SAFETY-KLEEN SYSTEMS (205801)</b>						<b>11520 BALLS FORD ROAD,</b>				<b>SIC code: 7389</b>	
Ethylene glycol	N	5	3	8	0	0	8	0	0	0	0	0	286,630
Total for Safety-Kleen Systems (2058 (1 record)		5	3	8	0	0	8	0	0	0	0	0	286,630

\* A "Y" in the FORM A column means a simplified Form A was submitted. An "N" means the full Form R was submitted. Facilities may report using the Form A for a non-PBT chemical if the total annual reportable amount for that chemical does not exceed 500 pounds and the amount manufactured, processed, or otherwise used for that chemical does not exceed 1 million pounds. When filing a Form A, no amounts are reported but by default the appendix lists them as zero.

\*\* TOTAL OTHER OFF-SITE TRANSFERS = ALL OF FORM R SECTION 6.2 OFF-SITE TRANSFERS (DISPOSAL + TREATMENT + ENERGY RECOVERY + RECYCLING)

Page H-65 of H-92

# 2004 Toxics Release Inventory

Appendix H

Facility County/Independent City	F O R M A*	On-Site Releases from Section 5 of Form R						On-Site Management from Section 8 of Form R				Off-Site Transfers from Section 6 of Form R	
Facility Name/Address		Fugitive Air (pounds)	Stack Air (pounds)	Total Air (pounds)	Land (pounds)	Water (pounds)	Total On-Site Releases (pounds)	Energy Recovery (pounds)	Recycling (pounds)	Treatment (pounds)	Total On-Site Management (pounds)	POTW (pounds)	Total Other Off-Site Transfers ** (pounds)
<b>PRINCE WILLIAM</b>		<b>SUNOCO PARTNERS M&amp;T, L.P. - MANASSAS TERMINAL</b>						<b>10315 BALLS FORD ROAD,</b>				<b>SIC code: 5171</b>	
1,2,4-Trimethylbenzene	N	255	255	510	0	0	510	0	0	0	0	0	2,128
Benzene	N	255	750	1,005	0	5	1,010	0	0	0	0	0	765
Cumene	N	255	255	510	0	0	510	0	0	0	0	0	765
Cyclohexane	N	5	255	260	0	0	260	0	0	0	0	0	765
Ethylbenzene	N	255	255	510	0	5	515	0	0	0	0	0	1,261
Methyl tert-butyl ether	N	255	4,957	5,212	0	0	5,212	0	0	0	0	0	11,757
Naphthalene	N	255	255	510	0	5	515	0	0	0	0	0	765
n-Hexane	N	255	1,135	1,390	0	0	1,390	0	0	0	0	0	1,261
Toluene	N	255	4,746	5,001	0	5	5,006	0	0	0	0	0	6,114
Xylene (mixed isomers)	N	255	4,758	5,013	0	255	5,268	0	0	0	0	0	8,057
Total for SUNOCO PARTNERS M&T, (10 records)		<b>2,300</b>	<b>17,622</b>	<b>19,922</b>	<b>0</b>	<b>275</b>	<b>20,197</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>33,638</b>
<b>PRINCE WILLIAM</b>		<b>US DOD MARINE CORPS BASE QUANTICO</b>						<b>3250 CATLIN AVENUE,</b>				<b>SIC code: 9711</b>	
1,2,4-Trimethylbenzene	N	8	12	20	0	0	20	0	0	0	0	0	49
Benzene	N	6	115	121	0	0	121	0	0	0	0	0	3
Cumene	N	0	0	0	0	0	0	0	0	0	0	0	3
Cyclohexane	N	4	7	11	0	0	11	0	0	0	0	0	3
Ethylbenzene	N	11	97	108	0	0	108	0	0	0	0	0	3
Methyl tert-butyl ether	N	0	0	0	0	0	0	0	0	0	0	0	10
n-Hexane	N	22	674	696	0	0	696	0	0	0	0	0	7
Nitrate compounds	N	0	0	0	0	185,733	185,733	0	0	0	0	0	0
Toluene	N	112	1,952	2,064	0	0	2,064	0	0	0	0	0	259
Xylene (mixed isomers)	N	62	334	396	0	0	396	0	0	0	0	0	210
Total for US DOD MARINE CORPS B (10 records)		<b>225</b>	<b>3,191</b>	<b>3,416</b>	<b>0</b>	<b>185,733</b>	<b>189,149</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>547</b>
<b>Total for Above County (34 records)</b>		<b>3,070</b>	<b>274,397</b>	<b>277,467</b>	<b>16,000</b>	<b>196,278</b>	<b>489,745</b>	<b>0</b>	<b>0</b>	<b>366,000</b>	<b>366,000</b>	<b>36,100</b>	<b>325,271</b>
<b>PULASKI</b>		<b>BONDCOTE CORPORATION</b>						<b>509 BURGIS AVENUE,</b>				<b>SIC code: 2295</b>	

\* A "Y" in the FORM A column means a simplified Form A was submitted. An "N" means the full Form R was submitted. Facilities may report using the Form A for a non-PBT chemical if the total annual reportable amount for that chemical does not exceed 500 pounds and the amount manufactured, processed, or otherwise used for that chemical does not exceed 1 million pounds. When filing a Form A, no amounts are reported but by default the appendix lists them as zero.

\*\* TOTAL OTHER OFF-SITE TRANSFERS = ALL OF FORM R SECTION 6.2 OFF-SITE TRANSFERS (DISPOSAL + TREATMENT + ENERGY RECOVERY + RECYCLING)

# 2004 Toxics Release Inventory

Appendix H

Facility County/Independent City	F O R M A*	On-Site Releases from Section 5 of Form R						On-Site Management from Section 8 of Form R				Off-Site Transfers from Section 6 of Form R	
Facility Name/Address		Fugitive Air (pounds)	Stack Air (pounds)	Total Air (pounds)	Land (pounds)	Water (pounds)	Total On-Site Releases (pounds)	Energy Recovery (pounds)	Recycling (pounds)	Treatment (pounds)	Total On-Site Management (pounds)	POTW (pounds)	Total Other Off-Site Transfers ** (pounds)
Chemical Name	A*												
Antimony Compounds	N	0	0	0	0	0	0	11,663	0	0	11,663	0	11,663
Barium Compounds	N	0	0	0	0	0	0	2,760	0	0	2,760	0	2,760
Dibutyl phthalate	N	0	0	0	0	0	0	17,710	0	0	17,710	0	17,710
Total for BONDNOTE CORPORATION (3 records)		0	0	0	0	0	0	32,133	0	0	32,133	0	32,133
<b>PULASKI</b>		<b>CONN-WELD INDUSTRIES, INC.</b>						<b>NEW BERN ROAD, STATE ROAD 682,</b>				<b>SIC code: 3532</b>	
Chromium	Y	0	0	0	0	0	0	0	0	0	0	0	0
Nickel	Y	0	0	0	0	0	0	0	0	0	0	0	0
Total for CONN-WELD INDUSTRIES, (2 records)		0	0	0	0	0	0	0	0	0	0	0	0
<b>PULASKI</b>		<b>ELECTROPLATE-RITE CORPORATION</b>						<b>5529 LEE HIGHWAY,</b>				<b>SIC code: 3471</b>	
Zinc Compounds	N	887	0	887	0	0	887	0	0	0	0	16	798
Total for Electroplate-Rite Corporation (1 record)		887	0	887	0	0	887	0	0	0	0	16	798
<b>PULASKI</b>		<b>FINDLAY INDUSTRIES, INC. - DUBLIN DIVISION</b>						<b>4960 STEPP PLACE,</b>				<b>SIC code: 3714</b>	
Diisocyanates	N	4,395	0	4,395	0	0	4,395	0	0	0	0	0	0
Total for FINDLAY INDUSTRIES, INC (1 record)		4,395	0	4,395	0	0	4,395	0	0	0	0	0	0
<b>PULASKI</b>		<b>MAGNOX PULASKI INCORPORATED</b>						<b>1 MAGNOX DRIVE,</b>				<b>SIC code: 2816</b>	
Cobalt Compounds	N	1	22	23	0	8	31	0	0	0	0	0	0
Zinc Compounds	N	1	30	31	0	8	39	0	0	0	0	12	0
Total for MAGNOX PULASKI INCOR (2 records)		2	52	54	0	16	70	0	0	0	0	12	0
<b>PULASKI</b>		<b>MAR-BAL, INC.</b>						<b>5400 RESERVE WAY,</b>				<b>SIC code: 3089</b>	
Styrene	N	35	0	35	0	0	35	0	0	0	0	0	0
Total for MAR-BAL, INC. (1 record)		35	0	35	0	0	35	0	0	0	0	0	0
<b>PULASKI</b>		<b>PULASKI FURNITURE - PULASKI COMPLEX</b>						<b>205 5TH STREET,</b>				<b>SIC code: 2511</b>	
Methyl ethyl ketone	N	0	7,258	7,258	0	0	7,258	0	0	0	0	0	301
Toluene	N	0	18,093	18,093	0	0	18,093	0	0	0	0	0	578
Total for Pulaski Furniture - Pulaski C (2 records)		0	25,351	25,351	0	0	25,351	0	0	0	0	0	879

\* A "Y" in the FORM A column means a simplified Form A was submitted. An "N" means the full Form R was submitted. Facilities may report using the Form A for a non-PBT chemical if the total annual reportable amount for that chemical does not exceed 500 pounds and the amount manufactured, processed, or otherwise used for that chemical does not exceed 1 million pounds. When filing a Form A, no amounts are reported but by default the appendix lists them as zero.

\*\* TOTAL OTHER OFF-SITE TRANSFERS = ALL OF FORM R SECTION 6.2 OFF-SITE TRANSFERS (DISPOSAL + TREATMENT + ENERGY RECOVERY + RECYCLING)

Page H-67 of H-92

# 2004 Toxics Release Inventory

Appendix H

Facility County/Independent City	F O R M A*	On-Site Releases from Section 5 of Form R						On-Site Management from Section 8 of Form R				Off-Site Transfers from Section 6 of Form R	
Facility Name/Address		Fugitive Air (pounds)	Stack Air (pounds)	Total Air (pounds)	Land (pounds)	Water (pounds)	Total On-Site Releases (pounds)	Energy Recovery (pounds)	Recycling (pounds)	Treatment (pounds)	Total On-Site Management (pounds)	POTW (pounds)	Total Other Off-Site Transfers ** (pounds)
<b>PULASKI</b>		<b>TMD FRICTION, INC.</b>						<b>3994 PEPPERELL WAY,</b>				<b>SIC code: 3714</b>	
Antimony Compounds	N	0	1,237	1,237	0	0	1,237	0	0	0	0	0	17,674
Copper	N	0	3,488	3,488	0	0	3,488	0	0	0	0	0	49,811
Zinc (fume or dust)	N	0	750	750	0	0	750	0	0	0	0	0	5,276
Total for TMD FRICTION, INC.	(3 records)	<b>0</b>	<b>5,475</b>	<b>5,475</b>	<b>0</b>	<b>0</b>	<b>5,475</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>72,761</b>
<b>PULASKI</b>		<b>TRIM SYSTEMS</b>						<b>320 NEWBERN ROAD,</b>				<b>SIC code: 2396</b>	
Diisocyanates	N	1	21	23	5,000	0	5,023	0	0	5,895	5,895	0	5,800
Total for Trim Systems	(1 record)	<b>1</b>	<b>21</b>	<b>23</b>	<b>5,000</b>	<b>0</b>	<b>5,023</b>	<b>0</b>	<b>0</b>	<b>5,895</b>	<b>5,895</b>	<b>0</b>	<b>5,800</b>
<b>PULASKI</b>		<b>VOLVO TRUCKS NORTH AMERICA, INC</b>						<b>4881 COUGAR TRAIL ROAD,</b>				<b>SIC code: 3713</b>	
Certain Glycol Ethers	N	3,200	5,500	8,700	0	0	8,700	0	0	2,100	2,100	0	0
Diisocyanates	N	810	16	826	0	0	826	0	0	0	0	0	846
Ethylene glycol	N	120	7	127	0	0	127	0	0	0	0	3,900	19,000
Methanol	N	470	13	483	0	0	483	0	0	3	3	0	460
Xylene (mixed isomers)	N	1,600	14,000	15,600	0	0	15,600	0	0	14,105	14,105	0	175
Zinc Compounds	Y	0	0	0	0	0	0	0	0	0	0	0	0
Total for VOLVO TRUCKS NORTH A	(6 records)	<b>6,200</b>	<b>19,536</b>	<b>25,736</b>	<b>0</b>	<b>0</b>	<b>25,736</b>	<b>0</b>	<b>0</b>	<b>16,208</b>	<b>16,208</b>	<b>3,900</b>	<b>20,481</b>
<b>PULASKI</b>		<b>XALOY INC.</b>						<b>102 XALOY WAY,</b>				<b>SIC code: 3499</b>	
Nickel Compounds	N	15	0	15	0	0	15	0	0	0	0	0	34,497
Total for XALOY INC.	(1 record)	<b>15</b>	<b>0</b>	<b>15</b>	<b>0</b>	<b>0</b>	<b>15</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>34,497</b>
<b>Total for Above County (23 records)</b>		<b>11,535</b>	<b>50,436</b>	<b>61,971</b>	<b>5,000</b>	<b>16</b>	<b>66,987</b>	<b>32,133</b>	<b>0</b>	<b>22,103</b>	<b>54,236</b>	<b>3,928</b>	<b>167,349</b>
<b>RADFORD (CITY)</b>		<b>DANAHER MOTION, RADFORD MAIN STREET</b>						<b>501 WEST MAIN STREET,</b>				<b>SIC code: 3621</b>	
Copper	N	0	0	0	0	0	0	0	0	0	0	3	10,540
Dichloromethane	N	230	11,000	11,230	0	0	11,230	0	0	0	0	0	3,600
Total for Danaher Motion, Radford Ma	(2 records)	<b>230</b>	<b>11,000</b>	<b>11,230</b>	<b>0</b>	<b>0</b>	<b>11,230</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3</b>	<b>14,140</b>
<b>RADFORD (CITY)</b>		<b>DANAHER MOTION, RADFORD ROCK ROAD</b>						<b>201 WEST ROCK ROAD,</b>				<b>SIC code: 3621</b>	

\* A "Y" in the FORM A column means a simplified Form A was submitted. An "N" means the full Form R was submitted. Facilities may report using the Form A for a non-PBT chemical if the total annual reportable amount for that chemical does not exceed 500 pounds and the amount manufactured, processed, or otherwise used for that chemical does not exceed 1 million pounds. When filing a Form A, no amounts are reported but by default the appendix lists them as zero.

\*\* TOTAL OTHER OFF-SITE TRANSFERS = ALL OF FORM R SECTION 6.2 OFF-SITE TRANSFERS (DISPOSAL + TREATMENT + ENERGY RECOVERY + RECYCLING)

# 2004 Toxics Release Inventory

Appendix H

Facility County/Independent City	F O R M A*	On-Site Releases from Section 5 of Form R						On-Site Management from Section 8 of Form R				Off-Site Transfers from Section 6 of Form R	
Facility Name/Address		Fugitive Air (pounds)	Stack Air (pounds)	Total Air (pounds)	Land (pounds)	Water (pounds)	Total On-Site Releases (pounds)	Energy Recovery (pounds)	Recycling (pounds)	Treatment (pounds)	Total On-Site Management (pounds)	POTW (pounds)	Total Other Off-Site Transfers ** (pounds)
Copper	N	0	0	0	0	0	0	0	0	0	0	0	5,928
Total for Danaher Motion, Radford Ro (1 record)		0	0	0	0	0	0	0	0	0	0	0	5,928
<b>RADFORD (CITY)</b>		<b>INTERMET NEW RIVER FOUNDRY</b>						<b>1701 WEST MAIN STREET, ATTENTION:</b>				<b>ENV</b>	<b>SIC code: 3321</b>
Copper Compounds	N	0	5	5	0	0	5	0	0	0	0	0	1,005
Diisocyanates	N	0	255	255	0	0	255	0	0	0	0	0	260
Manganese Compounds	N	0	255	255	0	0	255	0	0	0	0	0	116,364
Nickel	N	0	5	5	0	0	5	0	0	0	0	0	510
Phenol	N	0	482	482	0	0	482	0	0	0	0	0	1,005
Triethylamine	N	0	3,218	3,218	0	0	3,218	0	0	0	0	0	68,543
Zinc Compounds	N	0	537	537	0	0	537	0	0	0	0	0	54,960
Total for INTERMET NEW RIVER FO (7 records)		0	4,757	4,757	0	0	4,757	0	0	0	0	0	242,647
<b>Total for Above County (10 records)</b>		<b>230</b>	<b>15,757</b>	<b>15,987</b>	<b>0</b>	<b>0</b>	<b>15,987</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3</b>	<b>262,715</b>
<b>RICHMOND (CITY)</b>		<b>ALSTOM POWER INC.</b>						<b>1200 WILLIS ROAD,</b>				<b>SIC code: 3511</b>	
Chromium	N	0	0	0	0	0	0	0	0	0	0	0	4,869
Copper	N	0	0	0	0	0	0	0	0	0	0	0	37,700
Nickel	N	0	0	0	0	0	0	0	0	0	0	0	5,478
Total for ALSTOM POWER INC. (3 records)		0	0	0	0	0	0	0	0	0	0	0	48,047
<b>RICHMOND (CITY)</b>		<b>BELLEMEADE POWER STATION</b>						<b>1860 COMMERCE ROAD,</b>				<b>SIC code: 4911</b>	
Ammonia	N	5	15,000	15,005	0	0	15,005	0	0	0	0	0	0
Total for Bellemeade Power Station (1 record)		5	15,000	15,005	0	0	15,005	0	0	0	0	0	0
<b>RICHMOND (CITY)</b>		<b>CARPENTER CO., RICHMOND PLANT</b>						<b>2400 JEFFERSON DAVIS HIGHWAY,</b>				<b>SIC code: 3086</b>	
1,1-Dichloro-1-fluoroethane	N	339	1,018	1,357	0	0	1,357	0	0	0	0	0	0
1,3-Phenylenediamine	N	0	0	0	0	0	0	0	0	0	0	0	0
Diisocyanates	N	0	0	0	0	0	0	0	0	0	0	0	29,843
Toluene diisocyanate	N	1	1,474	1,475	0	0	1,475	0	0	0	0	0	12,498
Total for CARPENTER CO., RICHMO (4 records)		340	2,492	2,832	0	0	2,832	0	0	0	0	0	42,341

\* A "Y" in the FORM A column means a simplified Form A was submitted. An "N" means the full Form R was submitted. Facilities may report using the Form A for a non-PBTchemical if the total annual reportable amount for that chemical does not exceed 500 pounds and the amount manufactured, processed, or otherwise used for that chemical does not exceed 1 million pounds. When filing a Form A, no amounts are reported but by default the appendix lists them as zero.

\*\* TOTAL OTHER OFF-SITE TRANSFERS = ALL OF FORM R SECTION 6.2 OFF-SITE TRANSFERS (DISPOSAL + TREATMENT + ENERGY RECOVERY + RECYCLING)

Page H-69 of H-92

# 2004 Toxics Release Inventory

Appendix H

Facility County/Independent City	F O R M A*	On-Site Releases from Section 5 of Form R						On-Site Management from Section 8 of Form R				Off-Site Transfers from Section 6 of Form R	
Facility Name/Address		Fugitive Air (pounds)	Stack Air (pounds)	Total Air (pounds)	Land (pounds)	Water (pounds)	Total On-Site Releases (pounds)	Energy Recovery (pounds)	Recycling (pounds)	Treatment (pounds)	Total On-Site Management (pounds)	POTW (pounds)	Total Other Off-Site Transfers ** (pounds)
<b>RICHMOND (CITY)</b>		<b>CAVALIER PRINTING INK</b>						<b>2807 TRANSPORT ST.,</b>				<b>SIC code: 2893</b>	
Methyl ethyl ketone	N	0	0	0	0	0	0	0	0	0	0	0	10,458
Toluene	N	0	0	0	0	0	0	0	0	0	0	0	4,791
Total for Cavalier Printing Ink	(2 records)	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>15,249</b>
<b>RICHMOND (CITY)</b>		<b>COGENTRIX OF RICHMOND, INC</b>						<b>5001 COMMERCE ROAD,</b>				<b>SIC code: 4911</b>	
Arsenic Compounds	N	0	16	16	0	3	19	0	0	0	0	0	8,367
Chlorine	N	0	7	7	0	0	7	0	0	0	0	0	0
Copper Compounds	N	0	750	750	0	69	819	0	0	0	0	0	22,156
Hydrochloric acid (acid aerosols)	N	0	83,584	83,584	0	0	83,584	0	0	961,218	961,218	0	0
Hydrogen fluoride	N	0	10,448	10,448	0	0	10,448	0	0	120,152	120,152	0	0
Sulfuric acid (acid aerosols)	N	0	103,000	103,000	0	0	103,000	0	0	1,184,500	1,184,500	0	0
Zinc Compounds	N	0	255	255	0	79	334	0	0	0	0	0	10,459
Total for Cogentrix of Richmond, Inc	(7 records)	<b>0</b>	<b>198,060</b>	<b>198,060</b>	<b>0</b>	<b>151</b>	<b>198,211</b>	<b>0</b>	<b>0</b>	<b>2,265,870</b>	<b>2,265,870</b>	<b>0</b>	<b>40,982</b>
<b>RICHMOND (CITY)</b>		<b>INDUSTRIAL CHEMICALS, INC.</b>						<b>2540 BELLWOOD ROAD,</b>				<b>SIC code: 5169</b>	
Certain Glycol Ethers	Y	0	0	0	0	0	0	0	0	0	0	0	0
Cyclohexane	Y	0	0	0	0	0	0	0	0	0	0	0	0
Ethylene glycol	Y	0	0	0	0	0	0	0	0	0	0	0	0
Total for INDUSTRIAL CHEMICALS, I	(3 records)	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>RICHMOND (CITY)</b>		<b>J.W.FERGUSON &amp; SONS,LLC</b>						<b>4107 CASTLEWOOD ROAD,</b>				<b>SIC code: 2754</b>	
N-Methyl-2-pyrrolidone	N	5,300	0	5,300	0	0	5,300	0	590,000	0	590,000	0	8,300
Toluene	N	0	22,000	22,000	0	0	22,000	0	0	190,000	190,000	5	11,000
Total for J.W.FERGUSON & SONS,	(2 records)	<b>5,300</b>	<b>22,000</b>	<b>27,300</b>	<b>0</b>	<b>0</b>	<b>27,300</b>	<b>0</b>	<b>590,000</b>	<b>190,000</b>	<b>780,000</b>	<b>5</b>	<b>19,300</b>
<b>RICHMOND (CITY)</b>		<b>KINDER MORGAN OPERATING L.P."A"</b>						<b>3302 DEEPWATER TERMINAL ROAD,</b>				<b>SIC code: 2911</b>	
1,2,4-Trimethylbenzene	N	255	255	510	0	0	510	0	0	37	37	0	260
Benzene	N	255	255	510	0	0	510	0	0	901	901	0	10

\* A "Y" in the FORM A column means a simplified Form A was submitted. An "N" means the full Form R was submitted. Facilities may report using the Form A for a non-PBTchemical if the total annual reportable amount for that chemical does not exceed 500 pounds and the amount manufactured, processed, or otherwise used for that chemical does not exceed 1 million pounds. When filing a Form A, no amounts are reported but by default the appendix lists them as zero.

\*\* TOTAL OTHER OFF-SITE TRANSFERS = ALL OF FORM R SECTION 6.2 OFF-SITE TRANSFERS (DISPOSAL + TREATMENT + ENERGY RECOVERY + RECYCLING)

Page H-70 of H-92

# 2004 Toxics Release Inventory

Appendix H

Facility County/Independent City	F O R M A*	On-Site Releases from Section 5 of Form R						On-Site Management from Section 8 of Form R				Off-Site Transfers from Section 6 of Form R	
		Fugitive Air (pounds)	Stack Air (pounds)	Total Air (pounds)	Land (pounds)	Water (pounds)	Total On-Site Releases (pounds)	Energy Recovery (pounds)	Recycling (pounds)	Treatment (pounds)	Total On-Site Management (pounds)	POTW (pounds)	Total Other Off-Site Transfers ** (pounds)
Ethylbenzene	N	5	255	260	0	0	260	0	0	133	133	0	10
Methyl tert-butyl ether	N	255	1,315	1,570	0	0	1,570	0	0	3,670	3,670	0	260
n-Hexane	N	255	255	510	0	0	510	0	0	2,535	2,535	0	510
Toluene	N	255	255	510	0	0	510	0	0	2,602	2,602	0	260
Xylene (mixed isomers)	N	5	255	260	0	0	260	0	0	467	467	0	10
Total for KINDER MORGAN OPERAT (7 records)		<b>1,285</b>	<b>2,845</b>	<b>4,130</b>	<b>0</b>	<b>0</b>	<b>4,130</b>	<b>0</b>	<b>0</b>	<b>10,345</b>	<b>10,345</b>	<b>0</b>	<b>1,320</b>
<b>RICHMOND (CITY)</b>		<b>PHILIP MORRIS USA INC- BL/LPF/TQAF</b>						<b>2301 EVERETT STREET,</b>				<b>SIC code: 2141</b>	
Ammonia	N	6,100	610,000	616,100	0	0	616,100	0	0	0	0	1,500	7,100
Nicotine and salts	N	710	71,000	71,710	0	0	71,710	0	0	0	0	7,200	0
Total for PHILIP MORRIS USA INC- (2 records)		<b>6,810</b>	<b>681,000</b>	<b>687,810</b>	<b>0</b>	<b>0</b>	<b>687,810</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>8,700</b>	<b>7,100</b>
<b>RICHMOND (CITY)</b>		<b>PHILIP MORRIS USA INC-MANUFACTURING CENTER</b>						<b>3601 COMMERCE ROAD,</b>				<b>SIC code: 2111</b>	
Ammonia	N	250	25,000	25,250	0	0	25,250	0	0	10,000	10,000	20	0
Hydrochloric acid (acid aerosols)	N	0	62,000	62,000	0	0	62,000	0	0	0	0	0	0
Nicotine and salts	N	140	14,000	14,140	0	0	14,140	0	0	170,000	170,000	170,000	0
Total for PHILIP MORRIS USA INC-M (3 records)		<b>390</b>	<b>101,000</b>	<b>101,390</b>	<b>0</b>	<b>0</b>	<b>101,390</b>	<b>0</b>	<b>0</b>	<b>180,000</b>	<b>180,000</b>	<b>170,020</b>	<b>0</b>
<b>RICHMOND (CITY)</b>		<b>SUPERVALU DAIRY</b>						<b>1505 ROBINHOOD ROAD,</b>				<b>SIC code: 2026</b>	
2-Phenylphenol	N	0	0	0	0	0	0	0	0	0	0	676	0
Certain Glycol Ethers	N	0	0	0	0	0	0	0	0	0	0	136	0
Nitric acid	N	0	0	0	0	0	0	0	0	0	0	25,423	0
Peracetic acid	N	0	0	0	0	0	0	0	0	0	0	416	0
Sodium nitrite	N	0	0	0	0	0	0	0	0	0	0	550	0
Total for SUPERVALU DAIRY (5 records)		<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>27,201</b>	<b>0</b>
<b>RICHMOND (CITY)</b>		<b>VENETIAN MARBLE, INC.</b>						<b>5421 DISTRIBUTOR DRIVE,</b>				<b>SIC code: 3089</b>	
Styrene	N	2,447	4,900	7,347	0	0	7,347	0	0	0	0	0	0
Total for Venetian Marble, Inc. (1 record)		<b>2,447</b>	<b>4,900</b>	<b>7,347</b>	<b>0</b>	<b>0</b>	<b>7,347</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Total for Above County (40 records)</b>		<b>16,577</b>	<b>1,027,297</b>	<b>1,043,874</b>	<b>0</b>	<b>151</b>	<b>1,044,025</b>	<b>0</b>	<b>590,000</b>	<b>2,646,215</b>	<b>3,236,215</b>	<b>205,926</b>	<b>174,339</b>

\* A "Y" in the FORM A column means a simplified Form A was submitted. An "N" means the full Form R was submitted. Facilities may report using the Form A for a non-PBT chemical if the total annual reportable amount for that chemical does not exceed 500 pounds and the amount manufactured, processed, or otherwise used for that chemical does not exceed 1 million pounds. When filing a Form A, no amounts are reported but by default the appendix lists them as zero.

\*\* TOTAL OTHER OFF-SITE TRANSFERS = ALL OF FORM R SECTION 6.2 OFF-SITE TRANSFERS (DISPOSAL + TREATMENT + ENERGY RECOVERY + RECYCLING)

Page H-71 of H-92



# 2004 Toxics Release Inventory

Appendix H

Facility County/Independent City	F O R M A*	On-Site Releases from Section 5 of Form R						On-Site Management from Section 8 of Form R				Off-Site Transfers from Section 6 of Form R	
Facility Name/Address		Fugitive Air (pounds)	Stack Air (pounds)	Total Air (pounds)	Land (pounds)	Water (pounds)	Total On-Site Releases (pounds)	Energy Recovery (pounds)	Recycling (pounds)	Treatment (pounds)	Total On-Site Management (pounds)	POTW (pounds)	Total Other Off-Site Transfers ** (pounds)
<b>RICHMOND (COUNTY)</b>		<b>WOOD PRESERVERS, INC.</b>						<b>15939 HISTORY LAND HIGHWAY,</b>				<b>SIC code: 2491</b>	
Arsenic Compounds	N	0	0	0	0	5	5	0	0	0	0	0	106
Chromium Compounds	N	0	0	0	0	6	6	0	0	0	0	0	158
Copper Compounds	N	0	0	0	0	7	7	0	0	0	0	0	60
Creosote	N	22	83	105	0	0	105	0	0	0	0	0	154,365
Total for WOOD PRESERVERS, INC. (4 records)		<b>22</b>	<b>83</b>	<b>105</b>	<b>0</b>	<b>18</b>	<b>123</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>154,689</b>
<b>Total for Above County (4 records)</b>		<b>22</b>	<b>83</b>	<b>105</b>	<b>0</b>	<b>18</b>	<b>123</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>154,689</b>
<b>ROANOKE (CITY)</b>		<b>AKZO NOBEL COATINGS, INC.</b>						<b>2837 ROANOKE AVE S.W.,</b>				<b>SIC code: 2851</b>	
1,2,4-Trimethylbenzene	N	765	0	765	0	0	765	0	0	0	0	0	3,451
Certain Glycol Ethers	N	89	0	89	0	0	89	0	0	0	0	0	3,547
Ethylbenzene	N	2,796	41	2,837	0	0	2,837	0	0	0	0	0	6,337
Methanol	N	2,602	329	2,931	0	0	2,931	0	0	0	0	0	6,224
Methyl ethyl ketone	N	2,462	340	2,802	0	0	2,802	0	0	0	0	0	90,388
Methyl isobutyl ketone	N	468	37	505	0	0	505	0	0	0	0	0	3,153
n-Butyl alcohol	N	1,649	12	1,661	0	0	1,661	0	0	0	0	0	10,887
Toluene	N	4,361	175	4,536	0	0	4,536	0	0	0	0	0	29,675
Xylene (mixed isomers)	N	12,386	75	12,461	0	0	12,461	0	0	0	0	0	25,381
Total for AKZO NOBEL COATINGS, I (9 records)		<b>27,578</b>	<b>1,009</b>	<b>28,587</b>	<b>0</b>	<b>0</b>	<b>28,587</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>179,043</b>
<b>ROANOKE (CITY)</b>		<b>MENNEL MILLING CO OF VIRGINIA</b>						<b>1702 S.JEFFERSON ST.</b>				<b>SIC code: 2041</b>	
Chlorine	N	0	0	0	0	0	0	0	0	0	0	0	0
Total for MENNEL MILLING CO OF V (1 record)		<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>ROANOKE (CITY)</b>		<b>ROANOKE ELECTRIC STEEL CORPORA TION</b>						<b>102 WESTSIDE BLVD.,</b>				<b>SIC code: 3312</b>	
Chromium	N	25	36	61	0	11	72	0	0	0	0	0	26,622
Copper	N	11	63	74	0	2	76	0	0	0	0	0	46,782
Manganese	N	305	538	843	0	1	844	0	0	0	0	0	378,634
Nickel	N	7	3	10	0	11	21	0	0	0	0	0	2,078

\* A "Y" in the FORM A column means a simplified Form A was submitted. An "N" means the full Form R was submitted. Facilities may report using the Form A for a non-PBTchemical if the total annual reportable amount for that chemical does not exceed 500 pounds and the amount manufactured, processed, or otherwise used for that chemical does not exceed 1 million pounds. When filing a Form A, no amounts are reported but by default the appendix lists them as zero.

\*\* TOTAL OTHER OFF-SITE TRANSFERS = ALL OF FORM R SECTION 6.2 OFF-SITE TRANSFERS (DISPOSAL + TREATMENT + ENERGY RECOVERY + RECYCLING)

# 2004 Toxics Release Inventory

Appendix H

Facility County/Independent City	F O R M A*	On-Site Releases from Section 5 of Form R						On-Site Management from Section 8 of Form R				Off-Site Transfers from Section 6 of Form R	
Facility Name/Address		Fugitive Air (pounds)	Stack Air (pounds)	Total Air (pounds)	Land (pounds)	Water (pounds)	Total On-Site Releases (pounds)	Energy Recovery (pounds)	Recycling (pounds)	Treatment (pounds)	Total On-Site Management (pounds)	POTW (pounds)	Total Other Off-Site Transfers ** (pounds)
Zinc Compounds	N	920	5,253	6,173	0	236	6,409	0	0	0	0	0	3,908,175
Total for ROANOKE ELECTRIC STE (5 records)		1,268	5,893	7,161	0	261	7,422	0	0	0	0	0	4,362,291
<b>ROANOKE (CITY)</b>	<b>SEMCO,INC.</b>							<b>1967 BLUE HILLS DRIVE NE,</b>				<b>SIC code: 3444</b>	
Chromium	N	0	0	0	0	0	0	0	0	0	0	0	9,076
Manganese	N	0	0	0	0	0	0	0	0	0	0	0	27,457
Nickel	N	0	0	0	0	0	0	0	0	0	0	0	14,957
Total for SEMCO,INC. (3 records)		0	0	0	0	0	0	0	0	0	0	0	51,490
<b>Total for Above County (18 records)</b>		<b>28,846</b>	<b>6,902</b>	<b>35,748</b>	<b>0</b>	<b>261</b>	<b>36,009</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>4,592,824</b>
<b>ROANOKE (COUNTY)</b>	<b>ACCELLENT CARDIOLOGY - SALEM</b>							<b>200 SOUTH YORKSHIRE ST,</b>				<b>SIC code: 3498</b>	
Nitric acid	N	0	0	0	0	0	0	0	0	11,000	11,000	0	0
Total for Accellent Cardiology - Salem (1 record)		0	0	0	0	0	0	0	0	11,000	11,000	0	0
<b>ROANOKE (COUNTY)</b>	<b>ITT INDUSTRIES - NIGHT VISION DIVISION</b>							<b>7635 PLANTATION ROAD,</b>				<b>SIC code: 3812</b>	
Dichloropentafluoropropane	N	260	5,000	5,260	0	0	5,260	0	0	0	0	0	5,400
Methanol	N	120	2,300	2,420	0	0	2,420	0	0	0	0	730	9,300
Total for ITT INDUSTRIES - NIGHT (2 records)		380	7,300	7,680	0	0	7,680	0	0	0	0	730	14,700
<b>ROANOKE (COUNTY)</b>	<b>JOHN W. HANCOCK JR., INC</b>							<b>2535 DIUGUIDS LANE,</b>				<b>SIC code: 3441</b>	
Nickel Compounds	Y	0	0	0	0	0	0	0	0	0	0	0	0
Total for JOHN W. HANCOCK JR., IN (1 record)		0	0	0	0	0	0	0	0	0	0	0	0
<b>ROANOKE (COUNTY)</b>	<b>KIK (VIRGINIA) INC.</b>							<b>27 MILL LANE,</b>				<b>SIC code: 2842</b>	
Chlorine	N	1	0	1	0	0	1	0	0	0	0	0	0
Methanol	N	250	0	250	0	0	250	0	0	0	0	700	0
Total for KIK (VIRGINIA) INC. (2 records)		251	0	251	0	0	251	0	0	0	0	700	0
<b>ROANOKE (COUNTY)</b>	<b>KOPPERS INC.</b>							<b>RT. 460,</b>				<b>SIC code: 2491</b>	
Creosote	N	4,500	6,900	11,400	0	5	11,405	0	0	170	170	5	12,000
Total for KOPPERS INC. (1 record)		4,500	6,900	11,400	0	5	11,405	0	0	170	170	5	12,000

\* A "Y" in the FORM A column means a simplified Form A was submitted. An "N" means the full Form R was submitted. Facilities may report using the Form A for a non-PBTchemical if the total annual reportable amount for that chemical does not exceed 500 pounds and the amount manufactured, processed, or otherwise used for that chemical does not exceed 1 million pounds. When filing a Form A, no amounts are reported but by default the appendix lists them as zero.

\*\* TOTAL OTHER OFF-SITE TRANSFERS = ALL OF FORM R SECTION 6.2 OFF-SITE TRANSFERS (DISPOSAL + TREATMENT + ENERGY RECOVERY + RECYCLING)

Page H-73 of H-92

# 2004 Toxics Release Inventory

Appendix H

Facility County/Independent City	F O R M A*	On-Site Releases from Section 5 of Form R						On-Site Management from Section 8 of Form R				Off-Site Transfers from Section 6 of Form R	
Facility Name/Address		Fugitive Air (pounds)	Stack Air (pounds)	Total Air (pounds)	Land (pounds)	Water (pounds)	Total On-Site Releases (pounds)	Energy Recovery (pounds)	Recycling (pounds)	Treatment (pounds)	Total On-Site Management (pounds)	POTW (pounds)	Total Other Off-Site Transfers ** (pounds)
<b>ROANOKE (COUNTY)</b>		<b>MEDECO SECURITY LOCKS INC.</b>						<b>3625 ALLEGHENY DRIVE,</b>				<b>SIC code: 3429</b>	
Chromium Compounds	N	3	0	3	0	1	4	0	0	0	0	31	4,481
Copper Compounds	N	5	0	5	0	1	6	0	0	0	0	16	476,988
Nickel Compounds	N	1	0	1	0	4	5	0	0	0	0	76	12,114
Zinc Compounds	N	1	0	1	0	21	22	0	0	0	0	16	304,925
Total for MEDECO SECURITY LOCK (4 records)		<b>10</b>	<b>0</b>	<b>10</b>	<b>0</b>	<b>27</b>	<b>37</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>139</b>	<b>798,508</b>
<b>ROANOKE (COUNTY)</b>		<b>SAFETY-KLEEN SYSTEMS (315501)</b>						<b>16090 STEWARTSVILLE RD, PO BOX 48</b>				<b>SIC code: 7389</b>	
Ethylene glycol	N	9	3	12	0	0	12	0	0	0	0	0	116,075
Total for Safety-Kleen Systems (3155 (1 record)		<b>9</b>	<b>3</b>	<b>12</b>	<b>0</b>	<b>0</b>	<b>12</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>116,075</b>
<b>Total for Above County (12 records)</b>		<b>5,150</b>	<b>14,203</b>	<b>19,353</b>	<b>0</b>	<b>32</b>	<b>19,385</b>	<b>0</b>	<b>0</b>	<b>11,170</b>	<b>11,170</b>	<b>1,574</b>	<b>941,283</b>
<b>ROCKBRIDGE</b>		<b>BURKE-PARSONS-BOWLBY CORPORATION</b>						<b>STATE ROUTES 39 AND 780,</b>				<b>SIC code: 2491</b>	
Chromium	N	0	0	0	0	4	4	0	0	0	0	0	460
Creosote	N	2,670	7,420	10,090	0	8	10,098	0	0	0	0	0	6,750
Total for BURKE-PARSONS-BOWLBY (2 records)		<b>2,670</b>	<b>7,420</b>	<b>10,090</b>	<b>0</b>	<b>12</b>	<b>10,102</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>7,210</b>
<b>Total for Above County (2 records)</b>		<b>2,670</b>	<b>7,420</b>	<b>10,090</b>	<b>0</b>	<b>12</b>	<b>10,102</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>7,210</b>
<b>ROCKINGHAM</b>		<b>COORS BREWING COMPANY - SHENANDOAH</b>						<b>5135 SOUTH EASTSIDE HIGHWAY, PO BOX 2</b>				<b>SIC code: 2082</b>	
Nitrate compounds	N	0	0	0	0	153,000	153,000	0	0	0	0	0	0
Chlorine	Y	0	0	0	0	0	0	0	0	0	0	0	0
Total for COORS BREWING COMPANY (2 records)		<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>153,000</b>	<b>153,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>ROCKINGHAM</b>		<b>GEMINI COATINGS OF VIRGINIA</b>						<b>3333 WILLOW SPRINGS ROAD,</b>				<b>SIC code: 2851</b>	
1,2,4-Trimethylbenzene	N	782	7	789	0	0	789	0	0	0	0	0	1,564
Methyl ethyl ketone	N	1,960	214	2,174	0	0	2,174	0	0	0	0	0	1,635
Methyl isobutyl ketone	N	2,080	58	2,138	0	0	2,138	0	0	0	0	0	1,973
n-Butyl alcohol	N	2,180	11	2,191	0	0	2,191	0	0	0	0	0	2,388
Toluene	N	10,040	77	10,117	0	0	10,117	0	0	0	0	0	11,086
Xylene (mixed isomers)	N	3,180	17	3,197	0	0	3,197	0	0	0	0	0	2,476

\* A "Y" in the FORM A column means a simplified Form A was submitted. An "N" means the full Form R was submitted. Facilities may report using the Form A for a non-PBT chemical if the total annual reportable amount for that chemical does not exceed 500 pounds and the amount manufactured, processed, or otherwise used for that chemical does not exceed 1 million pounds. When filing a Form A, no amounts are reported but by default the appendix lists them as zero.

\*\* TOTAL OTHER OFF-SITE TRANSFERS = ALL OF FORM R SECTION 6.2 OFF-SITE TRANSFERS (DISPOSAL + TREATMENT + ENERGY RECOVERY + RECYCLING)

Page H-74 of H-92

# 2004 Toxics Release Inventory

Appendix H

Facility County/Independent City	F O R M A*	On-Site Releases from Section 5 of Form R						On-Site Management from Section 8 of Form R				Off-Site Transfers from Section 6 of Form R	
Facility Name/Address		Fugitive Air (pounds)	Stack Air (pounds)	Total Air (pounds)	Land (pounds)	Water (pounds)	Total On-Site Releases (pounds)	Energy Recovery (pounds)	Recycling (pounds)	Treatment (pounds)	Total On-Site Management (pounds)	POTW (pounds)	Total Other Off-Site Transfers ** (pounds)
Total for GEMINI COATINGS OF VIR (6 records)		20,222	384	20,606	0	0	20,606	0	0	0	0	0	21,122
<b>ROCKINGHAM</b>		<b>MERCK &amp; CO., INC.</b>						<b>2778 SOUTH EAST SIDE HIGHWAY,</b>				<b>SIC code: 2834</b>	
Abamectin [Avermectin B1]	N	0	0	0	0	0	0	0	0	21	21	0	630
Acetonitrile	N	1,010	810	1,820	0	0	1,820	0	0	89,880	89,880	0	174,300
Ammonia	N	6,370	3,790	10,160	0	460	10,620	0	0	14,870	14,870	0	0
Chlorine	N	140	260	400	0	550	950	0	0	0	0	0	0
Chloromethane	N	1,640	1,770	3,410	0	0	3,410	0	0	49,630	49,630	0	0
Cyanide Compounds	N	0	300	300	0	140	440	0	0	8,380	8,380	0	0
Ethylene glycol	N	810	0	810	0	0	810	0	0	16,490	16,490	0	12,320
Hydrazine	N	0	7	7	0	0	7	0	0	9	9	0	0
Hydrochloric acid (acid aerosols)	N	1,290	2,380	3,670	0	0	3,670	0	0	348,740	348,740	0	0
Methanol	N	3,400	4,700	8,100	0	0	8,100	0	0	499,890	499,890	0	506,440
N,N-Dimethylformamide	N	1,520	60	1,580	0	20	1,600	0	0	32,830	32,830	0	1,031,320
Nitrate compounds	N	0	0	0	0	0	0	0	0	0	0	0	0
Toluene	N	2,550	1,650	4,200	0	0	4,200	0	0	7,040	7,040	0	633,254
Triethylamine	N	180	130	310	0	0	310	0	0	7,660	7,660	0	4,410
Total for MERCK & CO., INC. (14 records)		18,910	15,857	34,768	0	1,170	35,938	0	0	1,075,440	1,075,440	0	2,362,674
<b>ROCKINGHAM</b>		<b>MORNINGSTAR FOODS MT. CRAWFORD</b>						<b>6364 SOUTH VALLEY PIKE,</b>				<b>SIC code: 2026</b>	
Nitrate compounds	N	0	0	0	0	0	0	0	0	0	0	201,181	0
Nitric acid	N	0	0	0	0	0	0	0	0	148,874	148,874	0	0
Total for Morningstar Foods Mt. Crawf (2 records)		0	0	0	0	0	0	0	0	148,874	148,874	201,181	0
<b>ROCKINGHAM</b>		<b>PILGRIM'S PRIDE CORPORATION, BROADWAY FACILITY</b>						<b>800 CO-OP DRIVE,</b>				<b>SIC code: 2015</b>	
Ammonia	N	1,705	0	1,705	0	0	1,705	0	0	113	113	0	30,991
Nitrate compounds	N	0	0	0	0	0	0	0	0	0	0	0	23,224
Ozone	N	0	25	25	0	0	25	0	0	11,949	11,949	0	0
Total for PILGRIM'S PRIDE CORPOR (3 records)		1,705	25	1,730	0	0	1,730	0	0	12,062	12,062	0	54,215

\* A "Y" in the FORM A column means a simplified Form A was submitted. An "N" means the full Form R was submitted. Facilities may report using the Form A for a non-PBT chemical if the total annual reportable amount for that chemical does not exceed 500 pounds and the amount manufactured, processed, or otherwise used for that chemical does not exceed 1 million pounds. When filing a Form A, no amounts are reported but by default the appendix lists them as zero.

\*\* TOTAL OTHER OFF-SITE TRANSFERS = ALL OF FORM R SECTION 6.2 OFF-SITE TRANSFERS (DISPOSAL + TREATMENT + ENERGY RECOVERY + RECYCLING)

Page H-75 of H-92

# 2004 Toxics Release Inventory

Appendix H

Facility County/Independent City	F O R M A*	On-Site Releases from Section 5 of Form R						On-Site Management from Section 8 of Form R				Off-Site Transfers from Section 6 of Form R	
Facility Name/Address		Fugitive Air (pounds)	Stack Air (pounds)	Total Air (pounds)	Land (pounds)	Water (pounds)	Total On-Site Releases (pounds)	Energy Recovery (pounds)	Recycling (pounds)	Treatment (pounds)	Total On-Site Management (pounds)	POTW (pounds)	Total Other Off-Site Transfers ** (pounds)
<b>ROCKINGHAM</b>		<b>QUARLES PETROLEUM INC. HARRISONBURG BULK PLANT</b>						<b>1006 W. MARKET ST.,</b>				<b>SIC code: 5171</b>	
Methyl tert-butyl ether	N	107	585	692	0	0	692	0	0	0	0	0	0
1,2,4-Trimethylbenzene	Y	0	0	0	0	0	0	0	0	0	0	0	0
n-Hexane	Y	0	0	0	0	0	0	0	0	0	0	0	0
Toluene	Y	0	0	0	0	0	0	0	0	0	0	0	0
Xylene (mixed isomers)	Y	0	0	0	0	0	0	0	0	0	0	0	0
Total for QUARLES PETROLEUM IN	(5 records)	<b>107</b>	<b>585</b>	<b>692</b>	<b>0</b>	<b>0</b>	<b>692</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>ROCKINGHAM</b>		<b>RR DONNELLEY</b>						<b>2347 KRATZER ROAD,</b>				<b>SIC code: 2732</b>	
Certain Glycol Ethers	N	8,000	7,400	15,400	0	0	15,400	0	0	0	0	1,800	255
Total for RR Donnelley	(1 record)	<b>8,000</b>	<b>7,400</b>	<b>15,400</b>	<b>0</b>	<b>0</b>	<b>15,400</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,800</b>	<b>255</b>
<b>ROCKINGHAM</b>		<b>TRANSPRINT USA, INC</b>						<b>1000 PLEASANT VALLEY ROAD,</b>				<b>SIC code: 2754</b>	
Methanol	N	0	480	480	0	0	480	0	45,900	37,860	83,760	0	4,300
Methyl ethyl ketone	N	13,780	900	14,680	0	0	14,680	0	185,520	76,820	262,340	0	16,460
Methyl isobutyl ketone	N	280	260	540	0	0	540	0	10,100	20,880	30,980	0	3,660
Toluene	N	9,960	600	10,560	0	0	10,560	0	134,340	51,040	185,380	0	11,420
Total for TRANSPRINT USA, INC	(4 records)	<b>24,020</b>	<b>2,240</b>	<b>26,260</b>	<b>0</b>	<b>0</b>	<b>26,260</b>	<b>0</b>	<b>375,860</b>	<b>186,600</b>	<b>562,460</b>	<b>0</b>	<b>35,840</b>
<b>ROCKINGHAM</b>		<b>TYSON FOODS, INC. PROCESSING PLANT</b>						<b>501 N. LIBERTY ST.,</b>				<b>SIC code: 2015</b>	
Chlorine	Y	0	0	0	0	0	0	0	0	0	0	0	0
Total for TYSON FOODS, INC. Proce	(1 record)	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>ROCKINGHAM</b>		<b>VIRGINIA POULTRY GROWERS COOPERATIVE, INC.BROADWAY FE</b>						<b>410 SOUTH MAIN STREET,</b>				<b>SIC code: 2048</b>	
Copper Compounds	Y	0	0	0	0	0	0	0	0	0	0	0	0
Manganese Compounds	Y	0	0	0	0	0	0	0	0	0	0	0	0
Zinc Compounds	Y	0	0	0	0	0	0	0	0	0	0	0	0
Total for VIRGINIA POULTRY GROW	(3 records)	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>ROCKINGHAM</b>		<b>VIRGINIA POULTRY GROWERS COOPERATIVE,INC.,HINTON FACILI</b>						<b>6349 RAWLEY PIKE HIGHWAY 33 WE,</b>				<b>SIC code: 2015</b>	

\* A "Y" in the FORM A column means a simplified Form A was submitted. An "N" means the full Form R was submitted. Facilities may report using the Form A for a non-PBTchemical if the total annual reportable amount for that chemical does not exceed 500 pounds and the amount manufactured, processed, or otherwise used for that chemical does not exceed 1 million pounds. When filing a Form A, no amounts are reported but by default the appendix lists them as zero.

\*\* TOTAL OTHER OFF-SITE TRANSFERS = ALL OF FORM R SECTION 6.2 OFF-SITE TRANSFERS (DISPOSAL + TREATMENT + ENERGY RECOVERY + RECYCLING)

# 2004 Toxics Release Inventory

Appendix H

Facility County/Independent City	F O R M A*	On-Site Releases from Section 5 of Form R						On-Site Management from Section 8 of Form R				Off-Site Transfers from Section 6 of Form R	
Facility Name/Address		Fugitive Air (pounds)	Stack Air (pounds)	Total Air (pounds)	Land (pounds)	Water (pounds)	Total On-Site Releases (pounds)	Energy Recovery (pounds)	Recycling (pounds)	Treatment (pounds)	Total On-Site Management (pounds)	POTW (pounds)	Total Other Off-Site Transfers ** (pounds)
Nitrate compounds	N	0	0	0	0	104,413	104,413	0	0	555,345	555,345	0	45
Total for VIRGINIA POULTRY GROW (1 record)		0	0	0	0	104,413	104,413	0	0	555,345	555,345	0	45
<b>Total for Above County (42 records)</b>		<b>72,964</b>	<b>26,491</b>	<b>99,456</b>	<b>0</b>	<b>258,583</b>	<b>358,039</b>	<b>0</b>	<b>375,860</b>	<b>1,978,321</b>	<b>2,354,181</b>	<b>202,981</b>	<b>2,474,151</b>
<b>RUSSELL</b>		<b>ALCOA FORGED WHEEL PRODUCTS</b>						<b>700 REGIONAL PARK RD.,</b>				<b>SIC code: 3463</b>	
Nitric acid	N	0	0	0	0	0	0	0	0	17,820	17,820	0	0
Total for ALCOA FORGED WHEEL P (1 record)		0	0	0	0	0	0	0	0	17,820	17,820	0	0
<b>RUSSELL</b>		<b>CLINCH RIVER PLANT</b>						<b>JUNCTION OF ST. RTS. 664 &amp; 665,</b>				<b>SIC code: 4911</b>	
Arsenic Compounds	N	5	340	345	30,105	150	30,600	0	0	0	0	0	49
Barium Compounds	N	5	850	855	233,005	751	234,611	0	0	0	0	0	980
Chromium Compounds	N	15	380	395	47,005	18	47,418	0	0	0	0	0	35,049
Copper Compounds	N	5	270	275	62,905	140	63,320	0	0	0	0	0	7,600
Hydrochloric acid (acid aerosols)	N	0	2,100,000	2,100,000	0	0	2,100,000	0	0	0	0	0	0
Hydrogen fluoride	N	0	190,000	190,000	0	0	190,000	0	0	24,000	24,000	0	0
Manganese Compounds	N	5	470	475	63,005	0	63,480	0	0	0	0	0	3,500
Nickel Compounds	N	5	380	385	41,555	23	41,963	0	0	0	0	0	14,000
Sulfuric acid (acid aerosols)	N	0	220,000	220,000	0	0	220,000	0	0	1,100,000	1,100,000	0	0
Vanadium Compounds	N	5	490	495	95,005	0	95,500	0	0	0	0	0	0
Zinc Compounds	N	5	1,000	1,005	60,052	0	61,057	0	0	0	0	0	0
Total for CLINCH RIVER PLANT (11 records)		50	2,514,180	2,514,230	632,637	1,082	3,147,949	0	0	1,124,000	1,124,000	0	61,178
<b>Total for Above County (12 records)</b>		<b>50</b>	<b>2,514,180</b>	<b>2,514,230</b>	<b>632,637</b>	<b>1,082</b>	<b>3,147,949</b>	<b>0</b>	<b>0</b>	<b>1,141,820</b>	<b>1,141,820</b>	<b>0</b>	<b>61,178</b>
<b>SALEM (CITY)</b>		<b>GE DRIVES &amp; CONTROLS</b>						<b>1501 ROANOKE BLVD,</b>				<b>SIC code: 3625</b>	
Copper	N	0	0	0	0	2	2	0	0	0	0	0	75,000
Total for GE DRIVES & CONTROLS (1 record)		0	0	0	0	2	2	0	0	0	0	0	75,000
<b>SALEM (CITY)</b>		<b>GRAHAM WHITE MANUFACTURING COMPANY</b>						<b>1242 COLORADO ST,</b>				<b>SIC code: 3799</b>	
Chromium	N	2	0	2	0	0	2	0	0	0	0	5	1,558
Copper	N	109	0	109	0	5	114	0	0	0	0	5	8,223

\* A "Y" in the FORM A column means a simplified Form A was submitted. An "N" means the full Form R was submitted. Facilities may report using the Form A for a non-PBT chemical if the total annual reportable amount for that chemical does not exceed 500 pounds and the amount manufactured, processed, or otherwise used for that chemical does not exceed 1 million pounds. When filing a Form A, no amounts are reported but by default the appendix lists them as zero.

\*\* TOTAL OTHER OFF-SITE TRANSFERS = ALL OF FORM R SECTION 6.2 OFF-SITE TRANSFERS (DISPOSAL + TREATMENT + ENERGY RECOVERY + RECYCLING)

Page H-77 of H-92

# 2004 Toxics Release Inventory

Appendix H

Facility County/Independent City	F O R M A*	On-Site Releases from Section 5 of Form R						On-Site Management from Section 8 of Form R				Off-Site Transfers from Section 6 of Form R	
Facility Name/Address		Fugitive Air (pounds)	Stack Air (pounds)	Total Air (pounds)	Land (pounds)	Water (pounds)	Total On-Site Releases (pounds)	Energy Recovery (pounds)	Recycling (pounds)	Treatment (pounds)	Total On-Site Management (pounds)	POTW (pounds)	Total Other Off-Site Transfers ** (pounds)
Chemical Name													
Manganese	N	15	0	15	0	0	15	0	0	0	0	0	247
Phenol	N	5	1,328	1,333	0	0	1,333	0	0	0	0	0	205
Total for Graham White Manufacturin	(4 records)	131	1,328	1,459	0	5	1,464	0	0	0	0	10	10,233
<b>SALEM (CITY)</b>		<b>NOVOZYMES BIOLOGICALS INC.</b>						<b>528 CHAPMAN STREET</b>				<b>SIC code: 2836</b>	
Nitrate compounds	N	0	0	0	0	0	0	0	0	0	0	255	0
Total for NOVOZYMES BIOLOGICAL	(1 record)	0	0	0	0	0	0	0	0	0	0	255	0
<b>SALEM (CITY)</b>		<b>YOKOHAMA TIRE CORPORATION</b>						<b>1500 INDIANA STREET, PO BOX 3250</b>				<b>SIC code: 3011</b>	
Cobalt Compounds	N	0	0	0	0	0	0	0	0	0	0	0	1,931
Cyclohexane	N	861	362	1,223	0	0	1,223	0	0	12,065	12,065	0	0
Zinc Compounds	N	2,633	0	2,633	0	0	2,633	0	0	0	0	31	47,720
Total for Yokohama Tire Corporation	(3 records)	3,494	362	3,856	0	0	3,856	0	0	12,065	12,065	31	49,650
<b>Total for Above County (9 records)</b>		<b>3,625</b>	<b>1,690</b>	<b>5,315</b>	<b>0</b>	<b>7</b>	<b>5,322</b>	<b>0</b>	<b>0</b>	<b>12,065</b>	<b>12,065</b>	<b>296</b>	<b>134,883</b>
<b>SCOTT</b>		<b>DYNO NOBEL - PAIGE PLANT</b>						<b>RACE PATH HOLLOW,</b>				<b>SIC code: 2892</b>	
Ammonia	N	750	0	750	0	0	750	0	27,694	0	27,694	0	0
Nitrate compounds	N	0	0	0	0	0	0	0	102,326	0	102,326	0	0
Nitric acid	N	0	0	0	0	0	0	0	0	0	0	0	0
Total for Dyno Nobel - Paige Plant	(3 records)	750	0	750	0	0	750	0	130,020	0	130,020	0	0
<b>SCOTT</b>		<b>TEMPUR PRODUCTION USA, INC.</b>						<b>4700 BOONE TRAIL ROAD SOUTH,</b>				<b>SIC code: 2515</b>	
Diethanolamine	N	1	0	1	0	0	1	0	0	0	0	0	0
Toluene-2,4-diisocyanate	N	1	1	2	0	0	2	0	0	0	0	0	1,927
Toluene-2,6-diisocyanate	N	1	1	2	0	0	2	0	0	0	0	0	643
Total for TEMPUR PRODUCTION US	(3 records)	3	2	5	0	0	5	0	0	0	0	0	2,570
<b>Total for Above County (6 records)</b>		<b>753</b>	<b>2</b>	<b>755</b>	<b>0</b>	<b>0</b>	<b>755</b>	<b>0</b>	<b>130,020</b>	<b>0</b>	<b>130,020</b>	<b>0</b>	<b>2,570</b>
<b>SHENANDOAH</b>		<b>GEORGE'S CHICKEN, LLC</b>						<b>19992 SENEDO ROAD,</b>				<b>SIC code: 2015</b>	
Nitrate compounds	N	0	0	0	0	88,788	88,788	0	0	1,290,955	1,290,955	0	91
Chlorine	Y	0	0	0	0	0	0	0	0	0	0	0	0

\* A "Y" in the FORM A column means a simplified Form A was submitted. An "N" means the full Form R was submitted. Facilities may report using the Form A for a non-PBTchemical if the total annual reportable amount for that chemical does not exceed 500 pounds and the amount manufactured, processed, or otherwise used for that chemical does not exceed 1 million pounds. When filing a Form A, no amounts are reported but by default the appendix lists them as zero.

\*\* TOTAL OTHER OFF-SITE TRANSFERS = ALL OF FORM R SECTION 6.2 OFF-SITE TRANSFERS (DISPOSAL + TREATMENT + ENERGY RECOVERY + RECYCLING)

Page H-78 of H-92

# 2004 Toxics Release Inventory

Appendix H

Facility County/Independent City	F O R M A*	On-Site Releases from Section 5 of Form R						On-Site Management from Section 8 of Form R				Off-Site Transfers from Section 6 of Form R	
Facility Name/Address		Fugitive Air (pounds)	Stack Air (pounds)	Total Air (pounds)	Land (pounds)	Water (pounds)	Total On-Site Releases (pounds)	Energy Recovery (pounds)	Recycling (pounds)	Treatment (pounds)	Total On-Site Management (pounds)	POTW (pounds)	Total Other Off-Site Transfers ** (pounds)
Total for GEORGE'S CHICKEN, LLC (2 records)		0	0	0	0	88,788	88,788	0	0	1,290,955	1,290,955	0	91
<b>SHENANDOAH</b>		<b>HOWELL METAL CO.</b>						<b>574 DEPOT RD.,</b>				<b>SIC code: 3341</b>	
Copper	N	0	27	27	0	0	27	0	18,093,793	0	18,093,793	0	431,750
Total for HOWELL METAL CO. (1 record)		0	27	27	0	0	27	0	18,093,793	0	18,093,793	0	431,750
<b>SHENANDOAH</b>		<b>LEAR CORP.</b>						<b>806 E. QUEEN ST.,</b>				<b>SIC code: 3089</b>	
Diisocyanates	N	1	0	1	0	0	1	0	0	0	0	0	642
Methyl isobutyl ketone	N	2,004	18,037	20,041	0	0	20,041	0	0	0	0	0	1,329
Total for LEAR CORP. (2 records)		2,005	18,037	20,042	0	0	20,042	0	0	0	0	0	1,971
<b>SHENANDOAH</b>		<b>MERILLAT CORPORATION</b>						<b>1325 INDUSTRIAL PARK ROAD,</b>				<b>SIC code: 2434</b>	
1,2,4-Trimethylbenzene	N	1	10,228	10,229	0	0	10,229	0	0	0	0	0	0
Ethylbenzene	N	0	18,150	18,150	0	0	18,150	0	0	0	0	0	0
Methanol	N	1	60,909	60,910	0	0	60,910	0	0	0	0	0	0
Xylene (mixed isomers)	N	1	78,320	78,321	0	0	78,321	0	0	0	0	0	0
Total for MERILLAT CORPORATION (4 records)		3	167,607	167,610	0	0	167,610	0	0	0	0	0	0
<b>SHENANDOAH</b>		<b>PERRY JUDD'S INC. STRASBURG DIVISION</b>						<b>ONE SHENANDOAH VALLEY DRIVE,</b>				<b>SIC code: 2752</b>	
Certain Glycol Ethers	N	6,000	300	6,300	0	0	6,300	0	0	13,800	13,800	0	5
Ethylene glycol	N	5,100	100	5,200	0	0	5,200	0	0	3,900	3,900	5,400	5
Total for Perry Judd's Inc. Strasburg (2 records)		11,100	400	11,500	0	0	11,500	0	0	17,700	17,700	5,400	10
<b>SHENANDOAH</b>		<b>TYSON FOODS, INC. MT. JACKSON FEED MILL</b>						<b>560 CAVERNS ROAD,</b>				<b>SIC code: 2048</b>	
Copper Compounds	Y	0	0	0	0	0	0	0	0	0	0	0	0
Manganese Compounds	Y	0	0	0	0	0	0	0	0	0	0	0	0
Zinc Compounds	Y	0	0	0	0	0	0	0	0	0	0	0	0
Total for TYSON FOODS, INC. MT. J (3 records)		0	0	0	0	0	0	0	0	0	0	0	0
<b>Total for Above County (14 records)</b>		<b>13,108</b>	<b>186,071</b>	<b>199,179</b>	<b>0</b>	<b>88,788</b>	<b>287,967</b>	<b>0</b>	<b>18,093,793</b>	<b>1,308,655</b>	<b>19,402,448</b>	<b>5,400</b>	<b>433,822</b>
<b>SMYTH</b>		<b>GENERAL DYNAMICS ARMAMENT &amp; TECHNICAL PRODUCTS, INC.</b>						<b>150 JOHNSTON ROAD,</b>				<b>SIC code: 3728</b>	

\* A "Y" in the FORM A column means a simplified Form A was submitted. An "N" means the full Form R was submitted. Facilities may report using the Form A for a non-PBT chemical if the total annual reportable amount for that chemical does not exceed 500 pounds and the amount manufactured, processed, or otherwise used for that chemical does not exceed 1 million pounds. When filing a Form A, no amounts are reported but by default the appendix lists them as zero.

\*\* TOTAL OTHER OFF-SITE TRANSFERS = ALL OF FORM R SECTION 6.2 OFF-SITE TRANSFERS (DISPOSAL + TREATMENT + ENERGY RECOVERY + RECYCLING)



# 2004 Toxics Release Inventory

Appendix H

Facility County/Independent City	F O R M A*	On-Site Releases from Section 5 of Form R						On-Site Management from Section 8 of Form R				Off-Site Transfers from Section 6 of Form R	
Facility Name/Address		Fugitive Air (pounds)	Stack Air (pounds)	Total Air (pounds)	Land (pounds)	Water (pounds)	Total On-Site Releases (pounds)	Energy Recovery (pounds)	Recycling (pounds)	Treatment (pounds)	Total On-Site Management (pounds)	POTW (pounds)	Total Other Off-Site Transfers ** (pounds)
<b>Chemical Name</b>													
Methyl ethyl ketone	N	18,840	43,771	62,611	0	0	62,611	0	0	0	0	0	1,089
Methyl isobutyl ketone	N	903	8,280	9,183	0	0	9,183	0	0	0	0	0	2,164
Toluene	N	1,996	7,287	9,283	0	0	9,283	0	0	0	0	0	2,164
Xylene (mixed isomers)	N	0	15,333	15,333	0	0	15,333	0	0	0	0	0	2,164
Total for General Dynamics Armamen (4 records)		<b>21,739</b>	<b>74,671</b>	<b>96,410</b>	<b>0</b>	<b>0</b>	<b>96,410</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>7,581</b>
<b>SMYTH</b>		<b>GENERAL SHALE BRICK INC PLANT #06 AND #28</b>						<b>ROUTE 1, BOX 460,</b>				<b>SIC code: 3251</b>	
Hydrogen fluoride	N	0	28,132	28,132	0	0	28,132	0	0	0	0	0	0
Chromium Compounds	Y	0	0	0	0	0	0	0	0	0	0	0	0
Manganese Compounds	Y	0	0	0	0	0	0	0	0	0	0	0	0
Total for GENERAL SHALE BRICK IN (3 records)		<b>0</b>	<b>28,132</b>	<b>28,132</b>	<b>0</b>	<b>0</b>	<b>28,132</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>SMYTH</b>		<b>MERILLAT LP, ATKINS</b>						<b>6373 LEE HIGHWAY,</b>				<b>SIC code: 2434</b>	
Ethylbenzene	N	0	9,434	9,434	0	0	9,434	0	0	0	0	0	798
n-Butyl alcohol	N	0	15,547	15,547	0	0	15,547	0	0	0	0	0	1,316
Xylene (mixed isomers)	N	0	40,883	40,883	0	0	40,883	0	0	0	0	0	3,460
Total for MERILLAT LP, ATKINS (3 records)		<b>0</b>	<b>65,864</b>	<b>65,864</b>	<b>0</b>	<b>0</b>	<b>65,864</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>5,574</b>
<b>SMYTH</b>		<b>ROYAL MOULDINGS LTD</b>						<b>135 BEAR CREEK ROAD,</b>				<b>SIC code: 3089</b>	
Methanol	N	0	69,242	69,242	0	0	69,242	0	0	0	0	0	4,698
Methyl ethyl ketone	N	0	15,911	15,911	0	0	15,911	0	0	0	0	0	6,725
Toluene	N	0	14,423	14,423	0	0	14,423	0	0	0	0	0	2,672
Xylene (mixed isomers)	N	0	13,509	13,509	0	0	13,509	0	0	0	0	0	2,672
Total for ROYAL MOULDINGS LTD (4 records)		<b>0</b>	<b>113,085</b>	<b>113,085</b>	<b>0</b>	<b>0</b>	<b>113,085</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>16,767</b>
<b>SMYTH</b>		<b>TITAN WHEEL CORPORATION OF VIRGINIA</b>						<b>227 ALLISON GAP ROAD,</b>				<b>SIC code: 3469</b>	
Manganese	N	0	0	0	0	0	0	0	0	0	0	6	271
Total for TITAN WHEEL CORPORATI (1 record)		<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>6</b>	<b>271</b>
<b>SMYTH</b>		<b>UTILITY TRAILER MFG. CO.</b>						<b>124 MOUNTAIN EMPIRE ROAD,</b>				<b>SIC code: 3715</b>	

\* A "Y" in the FORM A column means a simplified Form A was submitted. An "N" means the full Form R was submitted. Facilities may report using the Form A for a non-PBTchemical if the total annual reportable amount for that chemical does not exceed 500 pounds and the amount manufactured, processed, or otherwise used for that chemical does not exceed 1 million pounds. When filing a Form A, no amounts are reported but by default the appendix lists them as zero.

\*\* TOTAL OTHER OFF-SITE TRANSFERS = ALL OF FORM R SECTION 6.2 OFF-SITE TRANSFERS (DISPOSAL + TREATMENT + ENERGY RECOVERY + RECYCLING)

Page H-80 of H-92

# 2004 Toxics Release Inventory

Appendix H

Facility County/Independent City	FORM A*	On-Site Releases from Section 5 of Form R						On-Site Management from Section 8 of Form R				Off-Site Transfers from Section 6 of Form R	
		Fugitive Air (pounds)	Stack Air (pounds)	Total Air (pounds)	Land (pounds)	Water (pounds)	Total On-Site Releases (pounds)	Energy Recovery (pounds)	Recycling (pounds)	Treatment (pounds)	Total On-Site Management (pounds)	POTW (pounds)	Total Other Off-Site Transfers ** (pounds)
1,1-Dichloro-1-fluoroethane	N	33,678	0	33,678	0	0	33,678	0	0	0	0	0	0
Chlorodifluoromethane	N	33,678	0	33,678	0	0	33,678	0	0	0	0	0	0
Diisocyanates	N	2	0	2	0	0	2	0	0	0	0	0	0
Total for UTILITY TRAILER MFG. CO (3 records)		67,358	0	67,358	0	0	67,358	0	0	0	0	0	0
<b>Total for Above County (18 records)</b>		<b>89,097</b>	<b>281,752</b>	<b>370,850</b>	<b>0</b>	<b>0</b>	<b>370,850</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>6</b>	<b>30,193</b>
<b>SOUTHAMPTON</b>		<b>ATLANTIC WOOD INDUSTRIES, INC.</b>						<b>21366 GENERAL THOMAS HIGHWAY,</b>				<b>SIC code: 2491</b>	
Arsenic Compounds	Y	0	0	0	0	0	0	0	0	0	0	0	0
Chromium Compounds	Y	0	0	0	0	0	0	0	0	0	0	0	0
Copper Compounds	Y	0	0	0	0	0	0	0	0	0	0	0	0
Total for ATLANTIC WOOD INDUST (3 records)		0	0	0	0	0	0	0	0	0	0	0	0
<b>SOUTHAMPTON</b>		<b>HERCULES INCORPORATED</b>						<b>27123 SHADY BROOK TRAIL</b>				<b>SIC code: 2899</b>	
1,2-Dichloropropane	N	97,990	918	98,908	0	131	99,039	0	0	0	0	0	55
Hydrochloric acid (acid aerosols)	N	17,762	2,635	20,397	0	0	20,397	0	0	14,581,920	14,581,920	0	0
Triethylamine	N	29,032	1,008	30,040	0	15	30,055	0	0	0	0	0	55
Total for HERCULES INCORPORATED (3 records)		144,784	4,561	149,345	0	146	149,491	0	0	14,581,920	14,581,920	0	110
<b>SOUTHAMPTON</b>		<b>SOUTHAMPTON POWER STATION</b>						<b>30134 GENERAL THOMAS HWY,</b>				<b>SIC code: 4931</b>	
Hydrochloric acid (acid aerosols)	N	0	14,000	14,000	0	0	14,000	0	0	160,000	160,000	0	0
Sulfuric acid (acid aerosols)	N	0	72	72	0	0	72	0	0	52,000	52,000	0	0
Total for SOUTHAMPTON POWER S (2 records)		0	14,072	14,072	0	0	14,072	0	0	212,000	212,000	0	0
<b>Total for Above County (8 records)</b>		<b>144,784</b>	<b>18,633</b>	<b>163,417</b>	<b>0</b>	<b>146</b>	<b>163,563</b>	<b>0</b>	<b>0</b>	<b>14,793,920</b>	<b>14,793,920</b>	<b>0</b>	<b>110</b>
<b>SPOTSYLVANIA</b>		<b>CARLISLE MOTION CONTROL INDUSTRIES, INC.</b>						<b>11700 SHANNON DRIVE,</b>				<b>SIC code: 3714</b>	
Ammonia	N	0	125,215	125,215	0	0	125,215	0	0	0	0	0	0
Copper	N	0	0	0	110,668	0	110,668	0	0	0	0	0	0
Formaldehyde	N	0	417	417	0	0	417	0	0	0	0	0	0
Phenol	N	0	16,695	16,695	0	0	16,695	0	0	0	0	0	0
Total for Carlisle Motion Control Indus (4 records)		0	142,327	142,327	110,668	0	252,995	0	0	0	0	0	0

\* A "Y" in the FORM A column means a simplified Form A was submitted. An "N" means the full Form R was submitted. Facilities may report using the Form A for a non-PBT chemical if the total annual reportable amount for that chemical does not exceed 500 pounds and the amount manufactured, processed, or otherwise used for that chemical does not exceed 1 million pounds. When filing a Form A, no amounts are reported but by default the appendix lists them as zero.

\*\* TOTAL OTHER OFF-SITE TRANSFERS = ALL OF FORM R SECTION 6.2 OFF-SITE TRANSFERS (DISPOSAL + TREATMENT + ENERGY RECOVERY + RECYCLING)

Page H-81 of H-92

# 2004 Toxics Release Inventory

Appendix H

Facility County/Independent City	F O R M A*	On-Site Releases from Section 5 of Form R						On-Site Management from Section 8 of Form R				Off-Site Transfers from Section 6 of Form R	
Facility Name/Address		Fugitive Air (pounds)	Stack Air (pounds)	Total Air (pounds)	Land (pounds)	Water (pounds)	Total On-Site Releases (pounds)	Energy Recovery (pounds)	Recycling (pounds)	Treatment (pounds)	Total On-Site Management (pounds)	POTW (pounds)	Total Other Off-Site Transfers ** (pounds)
<b>SPOTSYLVANIA</b>		<b>GM POWERTRAIN FREDERICKSBURG P LANT</b>						<b>11032 TIDEWATER TRAIL,</b>				<b>SIC code: 3714</b>	
Nitrate compounds	N	0	0	0	0	0	0	0	0	0	0	41,600	4,600
Sodium nitrite	N	0	0	0	0	0	0	0	0	22,000	22,000	0	46,300
Total for GM POWERTRAIN FREDE	(2 records)	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>22,000</b>	<b>22,000</b>	<b>41,600</b>	<b>50,900</b>
<b>SPOTSYLVANIA</b>		<b>QUARLES PETROLEUM, INC., FREDERICKSBURG TERMINAL/BULK</b>						<b>3300 BEULAH SALISBURY ROAD,</b>				<b>SIC code: 5171</b>	
1,2,4-Trimethylbenzene	N	3	2	5	0	0	5	0	0	0	0	0	0
Methyl tert-butyl ether	N	280	446	726	0	0	726	0	0	0	0	0	0
Benzene	Y	0	0	0	0	0	0	0	0	0	0	0	0
Ethylbenzene	Y	0	0	0	0	0	0	0	0	0	0	0	0
n-Hexane	Y	0	0	0	0	0	0	0	0	0	0	0	0
Toluene	Y	0	0	0	0	0	0	0	0	0	0	0	0
Xylene (mixed isomers)	Y	0	0	0	0	0	0	0	0	0	0	0	0
Total for QUARLES PETROLEUM, IN	(7 records)	<b>283</b>	<b>448</b>	<b>731</b>	<b>0</b>	<b>0</b>	<b>731</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>SPOTSYLVANIA</b>		<b>RUFFIN CREEK PROPERTIES LLC</b>						<b>10229 TIDEWATER TRAIL,</b>				<b>SIC code: 2491</b>	
Copper Compounds	Y	0	0	0	0	0	0	0	0	0	0	0	0
Total for RUFFIN CREEK PROPERTI	(1 record)	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>SPOTSYLVANIA</b>		<b>SMI REBAR VIRGINIA</b>						<b>9434 CROSSROADS PARKWAY,</b>				<b>SIC code: 3441</b>	
Nickel Compounds	Y	0	0	0	0	0	0	0	0	0	0	0	0
Total for SMI REBAR VIRGINIA	(1 record)	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>SPOTSYLVANIA</b>		<b>THERMA TRU VIRGINIA LTD CO.</b>						<b>3000 MINE ROAD,</b>				<b>SIC code: 3442</b>	
Certain Glycol Ethers	N	0	12,238	12,238	0	0	12,238	0	0	0	0	0	0
Chlorodifluoromethane	N	5,805	0	5,805	0	0	5,805	0	0	0	0	0	255
Diisocyanates	N	0	255	255	0	0	255	0	0	0	0	0	0
Total for THERMA TRU VIRGINIA LT	(3 records)	<b>5,805</b>	<b>12,493</b>	<b>18,298</b>	<b>0</b>	<b>0</b>	<b>18,298</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>255</b>
<b>Total for Above County (18 records)</b>		<b>6,088</b>	<b>155,268</b>	<b>161,356</b>	<b>110,668</b>	<b>0</b>	<b>272,024</b>	<b>0</b>	<b>0</b>	<b>22,000</b>	<b>22,000</b>	<b>41,600</b>	<b>51,155</b>

\* A "Y" in the FORM A column means a simplified Form A was submitted. An "N" means the full Form R was submitted. Facilities may report using the Form A for a non-PBTchemical if the total annual reportable amount for that chemical does not exceed 500 pounds and the amount manufactured, processed, or otherwise used for that chemical does not exceed 1 million pounds. When filing a Form A, no amounts are reported but by default the appendix lists them as zero.

\*\* TOTAL OTHER OFF-SITE TRANSFERS = ALL OF FORM R SECTION 6.2 OFF-SITE TRANSFERS (DISPOSAL + TREATMENT + ENERGY RECOVERY + RECYCLING)

# 2004 Toxics Release Inventory

Appendix H

Facility County/Independent City	F O R M A*	On-Site Releases from Section 5 of Form R						On-Site Management from Section 8 of Form R				Off-Site Transfers from Section 6 of Form R	
Facility Name/Address		Fugitive Air (pounds)	Stack Air (pounds)	Total Air (pounds)	Land (pounds)	Water (pounds)	Total On-Site Releases (pounds)	Energy Recovery (pounds)	Recycling (pounds)	Treatment (pounds)	Total On-Site Management (pounds)	POTW (pounds)	Total Other Off-Site Transfers ** (pounds)
<b>STAFFORD</b>		<b>US DOD US MARINE CORPS BASE QUANTICO RANGE COMPLEX</b>						<b>24144 MONTEZUMA AVENUE, CAMP BARRE</b>				<b>SIC code: 9711</b>	
Copper	N	0	0	0	44,447	0	44,447	0	0	0	0	0	0
Total for US DOD US MARINE CORP (1 record)		0	0	0	44,447	0	44,447	0	0	0	0	0	0
<b>STAFFORD</b>		<b>W.R. GRACE &amp; CO. - CONN., GRACE CONSTRUCTION PRODUCTS</b>						<b>1101 INTERNATIONAL PARKWAY,</b>				<b>SIC code: 5169</b>	
Nitrate compounds	Y	0	0	0	0	0	0	0	0	0	0	0	0
Total for W.R. GRACE & CO. - CONN (1 record)		0	0	0	0	0	0	0	0	0	0	0	0
<b>Total for Above County (2 records)</b>		<b>0</b>	<b>0</b>	<b>0</b>	<b>44,447</b>	<b>0</b>	<b>44,447</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>SUFFOLK (CITY)</b>		<b>CIBA SPECIALITY CHEMICAL CORP</b>						<b>2301 WILROY ROAD,</b>				<b>SIC code: 2869</b>	
Acrylamide	N	255	255	510	0	0	510	0	0	24,000	24,000	44,133	2,270
Acrylic acid	N	1,330	750	2,080	0	0	2,080	0	0	106,700	106,700	0	1,770
Acrylonitrile	N	255	1,228	1,483	0	0	1,483	0	0	945	945	255	255
Ammonia	N	0	1,840	1,840	0	5	1,845	0	0	0	0	33,997	10,033
Ethyl acrylate	N	255	255	510	0	0	510	0	0	133	133	750	770
Ethylene glycol	N	255	5	260	0	0	260	0	0	0	0	255	1,695
Methanol	N	750	1,603	2,353	0	0	2,353	0	441,498	0	441,498	19,768	7,080
Methyl methacrylate	N	255	255	510	0	0	510	0	0	27	27	750	1,020
Styrene	Y	0	0	0	0	0	0	0	0	0	0	0	0
Total for CIBA SPECIALITY CHEMIC (9 records)		3,355	6,191	9,546	0	5	9,551	0	441,498	131,805	573,303	99,908	24,893
<b>SUFFOLK (CITY)</b>		<b>SARA LEE COFFEE &amp; TEA NORTH AMERICA</b>						<b>1370 PROGRESS ROAD,</b>				<b>SIC code: 2095</b>	
Ammonia	N	255	255	510	0	0	510	0	0	1,483	1,483	255	0
Total for SARA LEE COFFEE & TEA (1 record)		255	255	510	0	0	510	0	0	1,483	1,483	255	0
<b>SUFFOLK (CITY)</b>		<b>UNIVAR USA INC SUFFOLK FACILIT Y</b>						<b>201 SUBURBAN DRIVE,</b>				<b>SIC code: 5169</b>	
Chlorine	N	290	0	290	0	0	290	0	0	0	0	0	0
Ammonia	Y	0	0	0	0	0	0	0	0	0	0	0	0
Nitric acid	Y	0	0	0	0	0	0	0	0	0	0	0	0

\* A "Y" in the FORM A column means a simplified Form A was submitted. An "N" means the full Form R was submitted. Facilities may report using the Form A for a non-PBT chemical if the total annual reportable amount for that chemical does not exceed 500 pounds and the amount manufactured, processed, or otherwise used for that chemical does not exceed 1 million pounds. When filing a Form A, no amounts are reported but by default the appendix lists them as zero.

\*\* TOTAL OTHER OFF-SITE TRANSFERS = ALL OF FORM R SECTION 6.2 OFF-SITE TRANSFERS (DISPOSAL + TREATMENT + ENERGY RECOVERY + RECYCLING)

Page H-83 of H-92

# 2004 Toxics Release Inventory

Appendix H

Facility County/Independent City	F O R M A*	On-Site Releases from Section 5 of Form R						On-Site Management from Section 8 of Form R				Off-Site Transfers from Section 6 of Form R	
Facility Name/Address		Fugitive Air (pounds)	Stack Air (pounds)	Total Air (pounds)	Land (pounds)	Water (pounds)	Total On-Site Releases (pounds)	Energy Recovery (pounds)	Recycling (pounds)	Treatment (pounds)	Total On-Site Management (pounds)	POTW (pounds)	Total Other Off-Site Transfers ** (pounds)
Total for UNIVAR USA INC SUFFOLK (3 records)		290	0	290	0	0	290	0	0	0	0	0	0
<b>Total for Above County (13 records)</b>		<b>3,900</b>	<b>6,446</b>	<b>10,346</b>	<b>0</b>	<b>5</b>	<b>10,351</b>	<b>0</b>	<b>441,498</b>	<b>133,288</b>	<b>574,786</b>	<b>100,163</b>	<b>24,893</b>
<b>SURRY</b>													
<b>VIRGINIA ELECTRIC POWER COMPANY</b>													
Hydrazine	Y	0	0	0	0	0	0	0	0	0	0	0	0
Total for Virginia Electric Power Comp (1 record)		0	0	0	0	0	0	0	0	0	0	0	0
<b>Total for Above County (1 record)</b>		<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>SUSSEX</b>													
<b>WAVERLY FEED MILL</b>													
Zinc (fume or dust)	N	0	3	3	0	0	3	0	0	0	0	0	4
Total for Waverly Feed Mill (1 record)		0	3	3	0	0	3	0	0	0	0	0	4
<b>Total for Above County (1 record)</b>		<b>0</b>	<b>3</b>	<b>3</b>	<b>0</b>	<b>0</b>	<b>3</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>4</b>
<b>VIRGINIA BEACH (CITY)</b>													
<b>AETNA INSULATED WIRE, INC.</b>													
Antimony Compounds	N	0	0	0	0	0	0	0	1,699	0	1,699	0	9,472
Copper	N	0	0	0	0	8	8	0	0	0	0	0	2,695,694
Decabromodiphenyl oxide	N	0	0	0	0	0	0	0	0	0	0	0	2,554
Zinc Compounds	N	0	0	0	0	0	0	0	0	0	0	0	689
Total for AETNA INSULATED WIRE, (4 records)		0	0	0	0	8	8	0	1,699	0	1,699	0	2,708,409
<b>VIRGINIA BEACH (CITY)</b>													
<b>HERMES ABRASIVES, LTD.</b>													
Phenol	N	0	1,586	1,586	0	0	1,586	0	0	0	0	0	0
Total for Hermes Abrasives, Ltd. (1 record)		0	1,586	1,586	0	0	1,586	0	0	0	0	0	0
<b>VIRGINIA BEACH (CITY)</b>													
<b>NAVAL AIR STATION OCEANA</b>													
Naphthalene	N	2	6	8	0	0	8	0	0	0	0	0	0
Total for NAVAL AIR STATION OCEA (1 record)		2	6	8	0	0	8	0	0	0	0	0	0
<b>VIRGINIA BEACH (CITY)</b>													
<b>STIHL INC.</b>													
Toluene	N	82	5,471	5,553	0	0	5,553	0	0	0	0	0	0
Xylene (mixed isomers)	N	58	3,856	3,914	0	0	3,914	0	0	0	0	0	0
Total for STIHL INC. (2 records)		140	9,327	9,467	0	0	9,467	0	0	0	0	0	0

\* A "Y" in the FORM A column means a simplified Form A was submitted. An "N" means the full Form R was submitted. Facilities may report using the Form A for a non-PBT chemical if the total annual reportable amount for that chemical does not exceed 500 pounds and the amount manufactured, processed, or otherwise used for that chemical does not exceed 1 million pounds. When filing a Form A, no amounts are reported but by default the appendix lists them as zero.

\*\* TOTAL OTHER OFF-SITE TRANSFERS = ALL OF FORM R SECTION 6.2 OFF-SITE TRANSFERS (DISPOSAL + TREATMENT + ENERGY RECOVERY + RECYCLING)

# 2004 Toxics Release Inventory

Appendix H

Facility County/Independent City	F O R M A*	On-Site Releases from Section 5 of Form R						On-Site Management from Section 8 of Form R				Off-Site Transfers from Section 6 of Form R	
		Fugitive Air (pounds)	Stack Air (pounds)	Total Air (pounds)	Land (pounds)	Water (pounds)	Total On-Site Releases (pounds)	Energy Recovery (pounds)	Recycling (pounds)	Treatment (pounds)	Total On-Site Management (pounds)	POTW (pounds)	Total Other Off-Site Transfers ** (pounds)
<b>VIRGINIA BEACH (CITY)</b>		<b>TENNECO AUTOMOTIVE - VIRGINIA BEACH</b>						<b>1569D DIAMOND SPRINGS RD,</b>				<b>SIC code: 3714</b>	
Chromium	N	21	120	141	0	0	141	0	0	0	0	0	3,881
Copper	N	0	0	0	0	0	0	0	0	0	0	0	310
Manganese	N	14	79	93	0	0	93	0	0	0	0	0	621
Nickel	N	7	42	50	0	0	50	0	0	0	0	0	621
Total for Tenneco Automotive - Virgini	(4 records)	<b>43</b>	<b>241</b>	<b>284</b>	<b>0</b>	<b>0</b>	<b>284</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>5,434</b>
<b>VIRGINIA BEACH (CITY)</b>		<b>VIRGINIA BEACH MARBLE</b>						<b>506 VIKING DRIVE,</b>				<b>SIC code: 3087</b>	
Styrene	N	0	2,873	2,873	0	0	2,873	0	0	0	0	0	0
Total for VIRGINIA BEACH MARBLE	(1 record)	<b>0</b>	<b>2,873</b>	<b>2,873</b>	<b>0</b>	<b>0</b>	<b>2,873</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Total for Above County (13 records)</b>		<b>185</b>	<b>14,033</b>	<b>14,218</b>	<b>0</b>	<b>8</b>	<b>14,226</b>	<b>0</b>	<b>1,699</b>	<b>0</b>	<b>1,699</b>	<b>0</b>	<b>2,713,842</b>
<b>WARREN</b>		<b>BAUGH NORTHEAST CO-OP,INC.</b>						<b>1000 BAUGH DRIVE,</b>				<b>SIC code: 4222</b>	
Ammonia	N	0	0	0	0	0	0	0	0	0	0	0	0
Total for BAUGH NORTHEAST CO-O	(1 record)	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>WARREN</b>		<b>DUPONT FRONT ROYAL PLANT</b>						<b>7961 WINCHESTER ROAD,</b>				<b>SIC code: 2851</b>	
1,2,4-Trimethylbenzene	N	0	59	59	0	0	59	0	0	0	0	0	0
1,2-Butylene oxide	N	0	60	60	0	0	60	0	0	0	0	0	0
Acrylic acid	N	1	139	140	0	0	140	0	0	0	0	0	0
Antimony Compounds	N	0	0	0	0	0	0	0	0	0	0	0	480
Barium Compounds	N	0	0	0	0	0	0	0	0	0	0	0	3,511
Butyl acrylate	N	0	0	0	0	0	0	0	0	0	0	0	362
Certain Glycol Ethers	N	0	3	3	0	0	3	0	0	0	0	0	110,972
Chromium Compounds	N	0	1	1	0	0	1	0	0	0	0	0	581
Copper Compounds	N	0	0	0	0	0	0	0	0	0	0	0	0
Cumene	N	0	0	0	0	0	0	0	0	0	0	0	0
Cyclohexanol	N	0	2	2	0	0	2	0	0	0	0	0	1,708
Ethyl acrylate	N	2	318	320	0	0	320	0	0	0	0	0	355

\* A "Y" in the FORM A column means a simplified Form A was submitted. An "N" means the full Form R was submitted. Facilities may report using the Form A for a non-PBT chemical if the total annual reportable amount for that chemical does not exceed 500 pounds and the amount manufactured, processed, or otherwise used for that chemical does not exceed 1 million pounds. When filing a Form A, no amounts are reported but by default the appendix lists them as zero.

\*\* TOTAL OTHER OFF-SITE TRANSFERS = ALL OF FORM R SECTION 6.2 OFF-SITE TRANSFERS (DISPOSAL + TREATMENT + ENERGY RECOVERY + RECYCLING)

Page H-85 of H-92

# 2004 Toxics Release Inventory

Appendix H

Facility County/Independent City		FORM A*	On-Site Releases from Section 5 of Form R					On-Site Management from Section 8 of Form R				Off-Site Transfers from Section 6 of Form R		
Facility Name/Address			Fugitive Air	Stack Air	Total Air	Land	Water	Total On-Site Releases	Energy Recovery	Recycling	Treatment	Total On-Site Management	POTW	Total Other Off-Site Transfers **
Chemical Name			(pounds)	(pounds)	(pounds)	(pounds)	(pounds)	(pounds)	(pounds)	(pounds)	(pounds)	(pounds)	(pounds)	(pounds)
Ethylbenzene		N	16	2,684	2,700	0	0	2,700	0	0	0	0	0	235,013
Ethylene glycol		N	0	0	0	0	0	0	0	0	0	0	0	7,124
Methanol		N	166	27,534	27,700	0	0	27,700	0	0	0	0	0	0
Methyl acrylate		N	1	79	80	0	0	80	0	0	0	0	0	105
Methyl ethyl ketone		N	292	48,328	48,620	0	0	48,620	0	0	0	0	0	916,889
Methyl isobutyl ketone		N	12	1,928	1,940	0	0	1,940	0	0	0	0	0	116,826
Methyl methacrylate		N	19	3,181	3,200	0	0	3,200	0	0	0	0	0	362
Naphthalene		N	0	0	0	0	0	0	0	0	0	0	0	0
n-Butyl alcohol		N	1	211	212	0	0	212	0	0	0	0	0	0
N-Methyl-2-pyrrolidone		N	0	0	0	0	0	0	0	0	0	0	0	0
Phthalic anhydride		N	0	27	27	0	0	27	0	0	0	0	0	490
Styrene		N	4	596	600	0	0	600	0	0	0	0	0	357
Toluene		N	189	31,311	31,500	0	0	31,500	0	0	0	0	0	1,039,473
Xylene (mixed isomers)		N	83	13,737	13,820	0	0	13,820	0	0	0	0	0	2,231,762
Zinc Compounds		N	0	0	0	0	0	0	0	0	0	0	0	30
Total for DUPONT FRONT ROYAL P (27 records)			786	130,198	130,984	0	0	130,984	0	0	0	0	0	4,666,400
WARREN			QUARLES PETROLEUM, INC. FRONT ROYAL BULK PLANT					195 COMMERCE AVENUE,				SIC code: 5171		
1,2,4-Trimethylbenzene		Y	0	0	0	0	0	0	0	0	0	0	0	0
Methyl tert-butyl ether		Y	0	0	0	0	0	0	0	0	0	0	0	0
n-Hexane		Y	0	0	0	0	0	0	0	0	0	0	0	0
Toluene		Y	0	0	0	0	0	0	0	0	0	0	0	0
Xylene (mixed isomers)		Y	0	0	0	0	0	0	0	0	0	0	0	0
Total for QUARLES PETROLEUM, IN (5 records)			0	0	0	0	0	0	0	0	0	0	0	0
WARREN			SHENANDOAH FIBERGLASS PRODUCTS CO.					211 E. 4TH ST.,				SIC code: 3089		
Styrene		N	4,786	148	4,934	0	0	4,934	0	0	0	0	0	0
Total for SHENANDOAH FIBERGLAS (1 record)			4,786	148	4,934	0	0	4,934	0	0	0	0	0	0

\* A "Y" in the FORM A column means a simplified Form A was submitted. An "N" means the full Form R was submitted. Facilities may report using the Form A for a non-PBTchemical if the total annual reportable amount for that chemical does not exceed 500 pounds and the amount manufactured, processed, or otherwise used for that chemical does not exceed 1 million pounds. When filing a Form A, no amounts are reported but by default the appendix lists them as zero.

\*\* TOTAL OTHER OFF-SITE TRANSFERS = ALL OF FORM R SECTION 6.2 OFF-SITE TRANSFERS (DISPOSAL + TREATMENT + ENERGY RECOVERY + RECYCLING)

Page H-86 of H-92

# 2004 Toxics Release Inventory

Appendix H

Facility County/Independent City		F O R M  A*	On-Site Releases from Section 5 of Form R					On-Site Management from Section 8 of Form R				Off-Site Transfers from Section 6 of Form R		
Facility Name/Address			Fugitive Air	Stack Air	Total Air	Land	Water	Total On-Site Releases	Energy Recovery	Recycling	Treatment	Total On-Site Management	POTW	Total Other Off-Site Transfers **
Chemical Name			(pounds)	(pounds)	(pounds)	(pounds)	(pounds)	(pounds)	(pounds)	(pounds)	(pounds)	(pounds)	(pounds)	(pounds)
WARREN	TORAY PLASTICS(AMERICA) INC.							500 TORAY DRIVE,				SIC code: 3086		
Nitrate compounds	N	0	0	0	0	0	0	0	85,896	0	85,896	1,773	15,057	
Sodium nitrite	N	0	0	0	0	0	0	0	134,375	0	134,375	1,032	22,093	
Total for TORAY PLASTICS(AMERIC (2 records)		0	0	0	0	0	0	0	220,271	0	220,271	2,805	37,150	
WARREN	VALLEY DISCOUNT FUEL CO.							118 WATER ST,				SIC code: 5171		
1,2,4-Trimethylbenzene	Y	0	0	0	0	0	0	0	0	0	0	0	0	
Benzene	Y	0	0	0	0	0	0	0	0	0	0	0	0	
Ethylbenzene	Y	0	0	0	0	0	0	0	0	0	0	0	0	
Methyl tert-butyl ether	Y	0	0	0	0	0	0	0	0	0	0	0	0	
Naphthalene	Y	0	0	0	0	0	0	0	0	0	0	0	0	
Toluene	Y	0	0	0	0	0	0	0	0	0	0	0	0	
Xylene (mixed isomers)	Y	0	0	0	0	0	0	0	0	0	0	0	0	
Total for VALLEY DISCOUNT FUEL (7 records)		0	0	0	0	0	0	0	0	0	0	0	0	
Total for Above County (43 records)		5,572	130,346	135,918	0	0	135,918	0	220,271	0	220,271	2,805	4,703,550	
WASHINGTON	APPALACHIAN PLASTICS, INC.							34001 GLOVE DRIVE,				SIC code: 3089		
Methyl methacrylate	N	4,058	12,172	16,230	0	0	16,230	0	0	0	0	0	0	
Styrene	N	9,779	29,339	39,118	0	0	39,118	0	0	0	0	0	0	
Total for APPALACHIAN PLASTICS, I (2 records)		13,837	41,511	55,348	0	0	55,348	0	0	0	0	0	0	
WASHINGTON	BRISTOL COMPRESSORS, INC.							15185 INDUSTRIAL PARK ROAD,				SIC code: 3585		
Chlorodifluoromethane	N	2,840	9,300	12,140	0	0	12,140	0	38,000	0	38,000	0	0	
Chromium Compounds	N	5	9	14	0	0	14	0	0	0	0	13	59,285	
Copper Compounds	N	20	550	570	0	0	570	0	0	0	0	36	95,150	
Manganese Compounds	N	8	12	20	0	0	20	0	0	0	0	60	180,600	
Nickel Compounds	N	9	13	22	0	0	22	0	0	0	0	26	110,400	
Sodium nitrite	N	20	200	220	0	0	220	0	0	25,000	25,000	500	0	
Zinc Compounds	N	55	65	120	0	250	370	0	0	0	0	21	13,500	

\* A "Y" in the FORM A column means a simplified Form A was submitted. An "N" means the full Form R was submitted. Facilities may report using the Form A for a non-PBTchemical if the total annual reportable amount for that chemical does not exceed 500 pounds and the amount manufactured, processed, or otherwise used for that chemical does not exceed 1 million pounds. When filing a Form A, no amounts are reported but by default the appendix lists them as zero.

\*\* TOTAL OTHER OFF-SITE TRANSFERS = ALL OF FORM R SECTION 6.2 OFF-SITE TRANSFERS (DISPOSAL + TREATMENT + ENERGY RECOVERY + RECYCLING)

Page H-87 of H-92



# 2004 Toxics Release Inventory

Appendix H

Facility County/Independent City	F O R M A*	On-Site Releases from Section 5 of Form R						On-Site Management from Section 8 of Form R				Off-Site Transfers from Section 6 of Form R	
Facility Name/Address		Fugitive Air (pounds)	Stack Air (pounds)	Total Air (pounds)	Land (pounds)	Water (pounds)	Total On-Site Releases (pounds)	Energy Recovery (pounds)	Recycling (pounds)	Treatment (pounds)	Total On-Site Management (pounds)	POTW (pounds)	Total Other Off-Site Transfers ** (pounds)
Total for BRISTOL COMPRESSORS, (7 records)		2,957	10,149	13,106	0	250	13,356	0	38,000	25,000	63,000	656	458,935
<b>WASHINGTON</b>		<b>HP HOOD LLC DBA CROWLEY FOODS</b>						<b>2537 CATHERINE WAY,</b>				<b>SIC code: 2026</b>	
Nitric acid	N	0	0	0	0	0	0	0	0	3,019	3,019	0	0
Total for HP HOOD LLC DBA CROW (1 record)		0	0	0	0	0	0	0	0	3,019	3,019	0	0
<b>WASHINGTON</b>		<b>SAMUEL STRAPPING INC STEEL FAB DIV(PLANT 1)</b>						<b>4153 LEE HIGHWAY</b>				<b>SIC code: 3443</b>	
Manganese	N	0	0	0	0	0	0	0	0	0	0	0	0
Total for SAMUEL STRAPPING INC (1 record)		0	0	0	0	0	0	0	0	0	0	0	0
<b>WASHINGTON</b>		<b>SANDVIK MGT, LLC</b>						<b>15020 INDUSTRIAL PARK ROAD,</b>				<b>SIC code: 3499</b>	
Chromium	N	0	0	0	0	0	0	0	0	0	0	0	10,500
Manganese	N	0	0	0	0	0	0	0	0	0	0	0	9,800
Total for SANDVIK MGT, LLC (2 records)		0	0	0	0	0	0	0	0	0	0	0	20,300
<b>WASHINGTON</b>		<b>STEEL FAB, A DIVISION OF SAMUEL STRAPPING SYSTEMS INC.</b>						<b>17074 LEE HIGHWAY (PLANT 2),</b>				<b>SIC code: 3443</b>	
Manganese	N	2	0	2	0	0	2	0	0	0	0	0	10,158
Total for STEEL FAB, A DIVISION O (1 record)		2	0	2	0	0	2	0	0	0	0	0	10,158
<b>WASHINGTON</b>		<b>STRONGWELL CORPORATION-HIGHLAN DS DIVISION</b>						<b>26770 NEWBANKS ROAD,</b>				<b>SIC code: 3089</b>	
Styrene	N	38,912	0	38,912	0	0	38,912	0	0	0	0	0	333
Total for STRONGWELL CORPORAT (1 record)		38,912	0	38,912	0	0	38,912	0	0	0	0	0	333
<b>WASHINGTON</b>		<b>TORQUE TRACTION MANUFACTURING TECHNOLOGIES, INC.</b>						<b>110 THOMAS RD.,</b>				<b>SIC code: 3714</b>	
Chromium	N	0	0	0	0	0	0	0	0	0	0	0	1,900
Manganese	N	0	0	0	0	0	0	0	0	0	0	0	51,800
Total for Torque Traction Manufacturi (2 records)		0	0	0	0	0	0	0	0	0	0	0	53,700
<b>WASHINGTON</b>		<b>ZENITH FUEL SYSTEMS LLC</b>						<b>14570 INDUSTRIAL PARK RD,</b>				<b>SIC code: 3592</b>	
Zinc Compounds	N	0	0	0	0	0	0	0	0	0	0	5	700
Total for ZENITH FUEL SYSTEMS LL (1 record)		0	0	0	0	0	0	0	0	0	0	5	700
<b>Total for Above County (18 records)</b>		<b>55,708</b>	<b>51,660</b>	<b>107,368</b>	<b>0</b>	<b>250</b>	<b>107,618</b>	<b>0</b>	<b>38,000</b>	<b>28,019</b>	<b>66,019</b>	<b>661</b>	<b>544,126</b>

\* A "Y" in the FORM A column means a simplified Form A was submitted. An "N" means the full Form R was submitted. Facilities may report using the Form A for a non-PBTchemical if the total annual reportable amount for that chemical does not exceed 500 pounds and the amount manufactured, processed, or otherwise used for that chemical does not exceed 1 million pounds. When filing a Form A, no amounts are reported but by default the appendix lists them as zero.

\*\* TOTAL OTHER OFF-SITE TRANSFERS = ALL OF FORM R SECTION 6.2 OFF-SITE TRANSFERS (DISPOSAL + TREATMENT + ENERGY RECOVERY + RECYCLING)

# 2004 Toxics Release Inventory

Appendix H

Facility County/Independent City	F O R M A*	On-Site Releases from Section 5 of Form R						On-Site Management from Section 8 of Form R				Off-Site Transfers from Section 6 of Form R	
Facility Name/Address		Fugitive Air (pounds)	Stack Air (pounds)	Total Air (pounds)	Land (pounds)	Water (pounds)	Total On-Site Releases (pounds)	Energy Recovery (pounds)	Recycling (pounds)	Treatment (pounds)	Total On-Site Management (pounds)	POTW (pounds)	Total Other Off-Site Transfers ** (pounds)
<b>WAYNESBORO (CITY)</b>		<b>INVISTA S. L. R.L. - WAYNESBORO FACILITY</b>						<b>400 DU PONT BOULEVARD,</b>				<b>SIC code: 2821</b>	
Acetamide	N	560	255	815	0	0	815	0	0	0	0	0	30,000
Diisocyanates	N	255	0	255	0	0	255	0	0	0	0	0	4,600
Hydrochloric acid (acid aerosols)	N	0	110,000	110,000	0	0	110,000	0	0	53,000	53,000	0	0
Naphthalene	N	5	4	9	0	0	9	0	0	0	0	0	0
Nitrate compounds	N	0	0	0	0	96,000	96,000	0	0	290,000	290,000	0	610
Sodium nitrite	N	0	0	0	0	5,200	5,200	0	0	56,000	56,000	0	0
Sulfuric acid (acid aerosols)	N	0	25,000	25,000	0	0	25,000	0	0	0	0	0	0
Total for INVISTA S. L. R.L. - WAYNE	(7 records)	<b>820</b>	<b>135,259</b>	<b>136,079</b>	<b>0</b>	<b>101,200</b>	<b>237,279</b>	<b>0</b>	<b>0</b>	<b>399,000</b>	<b>399,000</b>	<b>0</b>	<b>35,210</b>
<b>WAYNESBORO (CITY)</b>		<b>NEUMAN ALUMINIUM IMPACT EXTRUSION INC.</b>						<b>1418 GENICOM DRIVE,</b>				<b>SIC code: 3411</b>	
Trichloroethylene	N	20	105,380	105,400	0	0	105,400	0	33,000	0	33,000	0	54,797
Total for Neuman Aluminium Impact	(1 record)	<b>20</b>	<b>105,380</b>	<b>105,400</b>	<b>0</b>	<b>0</b>	<b>105,400</b>	<b>0</b>	<b>33,000</b>	<b>0</b>	<b>33,000</b>	<b>0</b>	<b>54,797</b>
<b>WAYNESBORO (CITY)</b>		<b>VIRGINIA METALCRAFTERS, INC.</b>						<b>1010 EAST MAIN STREET,</b>				<b>SIC code: 3366</b>	
Copper	N	0	0	0	0	7	7	0	425,854	0	425,854	0	28,321
Trichloroethylene	N	5	13,202	13,207	0	0	13,207	0	30,000	0	30,000	0	2,400
Total for VIRGINIA METALCRAFTER	(2 records)	<b>5</b>	<b>13,202</b>	<b>13,207</b>	<b>0</b>	<b>7</b>	<b>13,214</b>	<b>0</b>	<b>455,854</b>	<b>0</b>	<b>455,854</b>	<b>0</b>	<b>30,721</b>
<b>Total for Above County (10 records)</b>		<b>845</b>	<b>253,841</b>	<b>254,686</b>	<b>0</b>	<b>101,207</b>	<b>355,893</b>	<b>0</b>	<b>488,854</b>	<b>399,000</b>	<b>887,854</b>	<b>0</b>	<b>120,728</b>
<b>WESTMORELAND</b>		<b>CARRY-ON TRAILER CORPORATION</b>						<b>159 INDUSTRIAL PARK ROAD,</b>				<b>SIC code: 3715</b>	
Manganese	N	153	0	153	0	0	153	0	0	0	0	0	713
Total for CARRY-ON TRAILER CORP	(1 record)	<b>153</b>	<b>0</b>	<b>153</b>	<b>0</b>	<b>0</b>	<b>153</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>713</b>
<b>WESTMORELAND</b>		<b>POTOMAC SUPPLY CORPORATION</b>						<b>1398 KINSALE ROAD,</b>				<b>SIC code: 2491</b>	
Copper Compounds	Y	0	0	0	0	0	0	0	0	0	0	0	0
Methanol	Y	0	0	0	0	0	0	0	0	0	0	0	0
Total for POTOMAC SUPPLY CORP	(2 records)	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Total for Above County (3 records)</b>		<b>153</b>	<b>0</b>	<b>153</b>	<b>0</b>	<b>0</b>	<b>153</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>713</b>

\* A "Y" in the FORM A column means a simplified Form A was submitted. An "N" means the full Form R was submitted. Facilities may report using the Form A for a non-PBT chemical if the total annual reportable amount for that chemical does not exceed 500 pounds and the amount manufactured, processed, or otherwise used for that chemical does not exceed 1 million pounds. When filing a Form A, no amounts are reported but by default the appendix lists them as zero.

\*\* TOTAL OTHER OFF-SITE TRANSFERS = ALL OF FORM R SECTION 6.2 OFF-SITE TRANSFERS (DISPOSAL + TREATMENT + ENERGY RECOVERY + RECYCLING)

Page H-89 of H-92

# 2004 Toxics Release Inventory

Appendix H

Facility County/Independent City	FORM A*	On-Site Releases from Section 5 of Form R						On-Site Management from Section 8 of Form R				Off-Site Transfers from Section 6 of Form R	
		Fugitive Air (pounds)	Stack Air (pounds)	Total Air (pounds)	Land (pounds)	Water (pounds)	Total On-Site Releases (pounds)	Energy Recovery (pounds)	Recycling (pounds)	Treatment (pounds)	Total On-Site Management (pounds)	POTW (pounds)	Total Other Off-Site Transfers ** (pounds)
<b>WINCHESTER (CITY)</b>		<b>FEDERAL MOGUL FRICTION PRODUCT S</b>						<b>2410 PAPERMILL ROAD,</b>				<b>SIC code: 3714</b>	
Aluminum oxide (fibrous forms)	N	160	31	191	31,457	0	31,648	0	0	0	0	0	160
Copper	N	103	20	123	20,319	0	20,442	0	0	0	0	0	103
Phenol	N	130	1,949	2,079	25,311	0	27,390	0	0	0	0	0	530
Total for Federal Mogul Friction Produ (3 records)		<b>393</b>	<b>2,000</b>	<b>2,393</b>	<b>77,087</b>	<b>0</b>	<b>79,480</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>793</b>
<b>Total for Above County (3 records)</b>		<b>393</b>	<b>2,000</b>	<b>2,393</b>	<b>77,087</b>	<b>0</b>	<b>79,480</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>793</b>
<b>WYTHE</b>		<b>ROHM &amp; HAAS POWDER COATINGS</b>						<b>2460 NORTH FOURTH STREET,</b>				<b>SIC code: 2851</b>	
Aluminum (fume or dust)	N	0	5	5	0	0	5	0	0	0	0	0	2,810
Antimony	N	0	5	5	0	0	5	0	0	0	0	5	0
Chromium	N	0	5	5	0	0	5	0	0	0	0	5	4,307
Copper	N	0	5	5	0	0	5	0	0	0	0	5	0
Total for ROHM & HAAS POWDER C (4 records)		<b>0</b>	<b>20</b>	<b>20</b>	<b>0</b>	<b>0</b>	<b>20</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>15</b>	<b>7,117</b>
<b>WYTHE</b>		<b>TEXTRON FASTENING SYSTEMS WYTH EVILLE OPERATIONS</b>						<b>345 EAST MARSHALL ST.,</b>				<b>SIC code: 3452</b>	
Ammonia	N	5	5	10	0	0	10	0	0	0	0	297	255
Manganese	N	0	0	0	0	0	0	0	0	0	0	0	14,081
Total for TEXTRON FASTENING SY (2 records)		<b>5</b>	<b>5</b>	<b>10</b>	<b>0</b>	<b>0</b>	<b>10</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>297</b>	<b>14,336</b>
<b>Total for Above County (6 records)</b>		<b>5</b>	<b>25</b>	<b>30</b>	<b>0</b>	<b>0</b>	<b>30</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>312</b>	<b>21,453</b>
<b>YORK</b>		<b>YORKTOWN POWER STATION</b>						<b>1600 WATERVIEW ROAD,</b>				<b>SIC code: 4911</b>	
Ammonia	N	0	170,000	170,000	0	50	170,050	0	0	0	0	0	0
Barium Compounds	N	0	500	500	150,000	15,000	165,500	0	0	0	0	10	0
Chromium Compounds	N	0	300	300	32,000	100	32,400	0	0	0	0	0	0
Copper Compounds	N	0	400	400	34,000	3,000	37,400	0	0	0	0	0	0
Hydrochloric acid (acid aerosols)	N	0	1,200,000	1,200,000	0	0	1,200,000	0	0	0	0	0	0
Hydrogen fluoride	N	0	150,000	150,000	0	0	150,000	0	0	0	0	0	0
Manganese Compounds	N	0	600	600	23,000	18,000	41,600	0	0	0	0	60	0
Nickel Compounds	N	0	9,000	9,000	67,000	20	76,020	0	0	0	0	1	0

\* A "Y" in the FORM A column means a simplified Form A was submitted. An "N" means the full Form R was submitted. Facilities may report using the Form A for a non-PBTchemical if the total annual reportable amount for that chemical does not exceed 500 pounds and the amount manufactured, processed, or otherwise used for that chemical does not exceed 1 million pounds. When filing a Form A, no amounts are reported but by default the appendix lists them as zero.

\*\* TOTAL OTHER OFF-SITE TRANSFERS = ALL OF FORM R SECTION 6.2 OFF-SITE TRANSFERS (DISPOSAL + TREATMENT + ENERGY RECOVERY + RECYCLING)

Page H-90 of H-92

# 2004 Toxics Release Inventory

Appendix H

Facility County/Independent City	F O R M A*	On-Site Releases from Section 5 of Form R						On-Site Management from Section 8 of Form R				Off-Site Transfers from Section 6 of Form R	
Facility Name/Address		Fugitive Air (pounds)	Stack Air (pounds)	Total Air (pounds)	Land (pounds)	Water (pounds)	Total On-Site Releases (pounds)	Energy Recovery (pounds)	Recycling (pounds)	Treatment (pounds)	Total On-Site Management (pounds)	POTW (pounds)	Total Other Off-Site Transfers ** (pounds)
Chemical Name													
Sulfuric acid (acid aerosols)	N	0	430,000	430,000	0	0	430,000	0	0	1,300,000	1,300,000	0	0
Vanadium Compounds	N	0	6,500	6,500	130,000	0	136,500	0	0	0	0	0	0
Zinc Compounds	N	0	6,000	6,000	37,000	1,600	44,600	0	0	0	0	1	0
Total for Yorktown Power Station (11 records)		0	1,973,300	1,973,300	473,000	37,770	2,484,070	0	0	1,300,000	1,300,000	72	0
YORK YORKTOWN REFINERY								2201 GOODWIN NECK ROAD,				SIC code: 2911	
1,2,4-Trimethylbenzene	N	475	335	810	0	0	810	0	1,541	36	1,577	0	259
Ammonia	N	7,088	532	7,620	0	15,150	22,770	0	0	4,470,091	4,470,091	0	23
Anthracene	N	268	0	268	0	31	299	0	76	0	76	0	238
Benzene	N	773	1,255	2,028	0	4	2,032	0	1,176	16,163	17,339	0	295
Carbon disulfide	N	0	48,734	48,734	0	0	48,734	0	0	345,396	345,396	0	0
Carbonyl sulfide	N	0	104,881	104,881	0	0	104,881	0	0	767,746	767,746	0	0
Cresol (mixed isomers)	N	0	0	0	0	0	0	0	0	121,710	121,710	0	547,589
Cumene	N	41	8	49	0	0	49	0	99	6	105	0	4
Cyclohexane	N	2,415	1,116	3,531	0	0	3,531	0	2,033	1,147	3,180	0	215
Ethylbenzene	N	372	493	865	0	4	869	0	1,970	4,684	6,654	0	28
Ethylene	N	6,839	16,787	23,626	0	0	23,626	0	0	4,576,310	4,576,310	0	0
Methanol	N	116	313	429	0	0	429	0	0	0	0	0	0
Methyl tert-butyl ether	N	22,680	18,458	41,138	0	63	41,201	0	81	26,097	26,178	0	139
Molybdenum trioxide	N	0	0	0	0	0	0	0	0	0	0	0	0
Naphthalene	N	419	10	429	0	4	433	0	15,701	2,390	18,091	0	10
n-Hexane	N	4,522	3,025	7,547	0	0	7,547	0	2,788	7,447	10,235	0	149
Nickel Compounds	N	0	604	604	0	451	1,055	0	0	0	0	0	643
Nitrate compounds	N	0	0	0	0	160,469	160,469	0	0	0	0	0	0
Phenanthrene	N	37	0	37	0	31	68	0	84	0	84	0	243
Phenol	N	66	0	66	0	931	997	0	0	124,431	124,431	0	280,067
Propylene	N	4,308	7,618	11,926	0	0	11,926	0	0	2,076,715	2,076,715	0	0

\* A "Y" in the FORM A column means a simplified Form A was submitted. An "N" means the full Form R was submitted. Facilities may report using the Form A for a non-PBT chemical if the total annual reportable amount for that chemical does not exceed 500 pounds and the amount manufactured, processed, or otherwise used for that chemical does not exceed 1 million pounds. When filing a Form A, no amounts are reported but by default the appendix lists them as zero.

\*\* TOTAL OTHER OFF-SITE TRANSFERS = ALL OF FORM R SECTION 6.2 OFF-SITE TRANSFERS (DISPOSAL + TREATMENT + ENERGY RECOVERY + RECYCLING)

Page H-91 of H-92

# 2004 Toxics Release Inventory

Appendix H

Facility County/Independent City  Facility Name/Address  Chemical Name		FORM A*	On-Site Releases from Section 5 of Form R					On-Site Management from Section 8 of Form R				Off-Site Transfers from Section 6 of Form R		
			Fugitive Air (pounds)	Stack Air (pounds)	Total Air (pounds)	Land (pounds)	Water (pounds)	Total On-Site Releases (pounds)	Energy Recovery (pounds)	Recycling (pounds)	Treatment (pounds)	Total On-Site Management (pounds)	POTW (pounds)	Total Other Off-Site Transfers ** (pounds)
Sulfuric acid (acid aerosols)		N	0	39,635	39,635	0	0	39,635	0	0	0	0	0	0
Toluene		N	2,068	3,053	5,121	0	5	5,126	0	7,865	16,710	24,575	0	318
Vanadium		N	0	4,041	4,041	0	16	4,057	0	0	0	0	0	4
Xylene (mixed isomers)		N	1,878	3,253	5,131	0	5	5,136	0	16,760	10,054	26,814	0	84
Total for YORKTOWN REFINERY (25 records)			54,365	254,151	308,516	0	177,164	485,680	0	50,174	12,567,133	12,617,307	0	830,308
Total for Above County (36 records)			54,365	2,227,451	2,281,816	473,000	214,934	2,969,750	0	50,174	13,867,133	13,917,307	72	830,308

\* A "Y" in the FORM A column means a simplified Form A was submitted. An "N" means the full Form R was submitted. Facilities may report using the Form A for a non-PBT chemical if the total annual reportable amount for that chemical does not exceed 500 pounds and the amount manufactured, processed, or otherwise used for that chemical does not exceed 1 million pounds. When filing a Form A, no amounts are reported but by default the appendix lists them as zero.

\*\* TOTAL OTHER OFF-SITE TRANSFERS = ALL OF FORM R SECTION 6.2 OFF-SITE TRANSFERS (DISPOSAL + TREATMENT + ENERGY RECOVERY + RECYCLING)